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GEOCHEMICAL AND GEOSTATISTICAL EVALUATION
WILDERNESS STUDY AREAS,
WINNEMUCCA DISTRICT, NORTHWEST NEVADA
VOLUME IV

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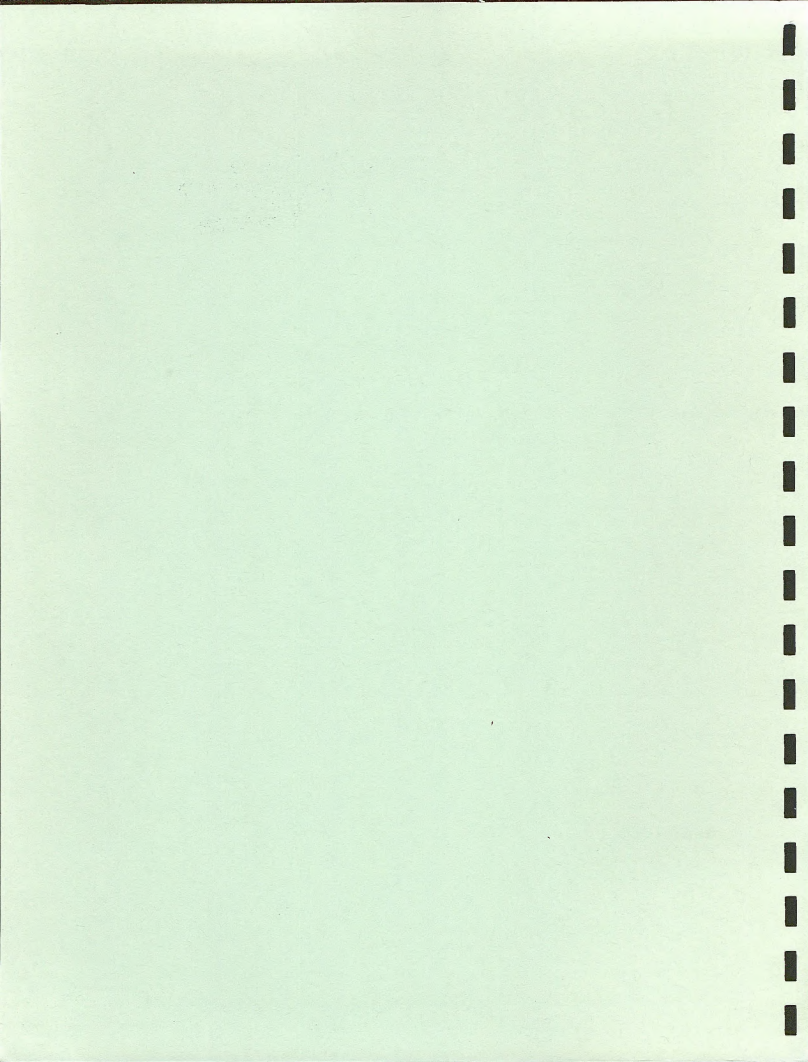
United States Bureau of Land Management

Prepared by:

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J.F. Bukofski
W.T. Meyer
R.J. Howarth

Barringer Resources Inc.
1626 Cole Blvd., Suite 120
Golden, Colorado 80401

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APPENDIX C

GEOCHEMISTRY

SAMPLING METHODS

Barringer Resources Inc. personnel collected 1900 stream sediment and heavy mineral samples from the study area. Field work was conducted under the direct supervision of M.L. Robinson and J.F. Bukofski, Geologists. They were assisted in the field by R. Sossaman and S. Smithart. Project Management and administrative supervision was the responsibility of E.F. Weiland, Staff Geochemist, and R.A. Connors, Staff Geologist.

Sediment from the active portion of the stream was sampled and field sieved to -30 mesh. The active portion is below the annual low water level of the stream or in the case of dry streams, the center of the main channel developed by the runoff. The majority of the samples were taken from dry streams. Waterproof paper bags were used for storage and air drying of the samples with sample numbers marked directly on each bag. Sample locations as defined by the BLM were marked and numbered on U.S. Geological Survey quadrangle topographic sheets in the field. A stream sediment location map was compiled from these field maps at a scale of 1:250,000 (Plate C-I). Field notes taken at each sampling site by the geologist included:

- Sample Number
- Stream Type (activity, size, gradient)
- Sediment Type (size, description, coatings)
- Organics (amount, type)
- Lithology and structure of nearby outcrop, if any
- General Comments (contamination, vegetation, etc.)

Transportation within the area was provided by four wheel drive vehicles, trail bikes, and walking. Helicopter support was used to sample the most remote locations at the end of the field project.

SAMPLE PREPARATION

Stream Sediment Samples

Stream sediment samples were dried at room temperature for 24 hours. The dry samples were then sieved to -80 mesh and portions of the fine fraction weighed for the analyses. In all cases a .25 gram subsample was analyzed.

Heavy Mineral Samples

From the bulk samples, 500 grams of material was weighed out and sieved to -20 mesh. The -20 mesh fraction was panned to a heavy mineral concentrate, weighed, and analyzed for gold and silver.

ANALYTICAL METHODS

All stream sediment samples were analyzed for 33 elements; 21 elements by induction coupled argon plasma emission (ICP) and twelve by standard analytical methods specific to each element.

Procedures

The ICP multi-element analysis has detection limits, precision, and accuracy similar to atomic absorption spectroscopy techniques. The 21 elements monitored by the instrument include:

Al	Cu	Na	Th
Be	Fe	Ni	Ti
Ca	K	P	V
Cd	Mg	Pb	Zn
Co	Mn	Sr	Zr
Cr			

Samples were digested using an HF HClO₄ acid leach brought to dryness. The residue was then brought up to volume using .58 normal HCl. Automated samplers aspirated the sample into the argon plasma where the sample was

subjected to greater than 2000° F heat while analyzing the emission spectra. The emission spectra data was computer processed to correct for interfering spectra and calculate the quantity of the various elements and oxides.

Uranium values were obtained by fluorimetric methods. The samples were digested in a $\text{HNO}_3 + \text{HClO}_4 + \text{HF}$ acid solution and taken to dryness. The residue was then brought up to volume with HNO_3 and the uranium extracted using ethyl acetate. An ethyl acetate aliquot was added to a $\text{Na}_2\text{CO}_3 + \text{K}_2\text{CO}_3 + \text{NaF}$ flux and fused at 650°C for 25 minutes. Upon cooling the values were compared to standards by fluorimetry.

Analyses for molybdenum was carried out by atomic absorption spectroscopy. A $\text{HNO}_3 + \text{HClO}_4 + \text{HF}$ acid digestion was taken to dryness, then the residue brought up to volume with HNO_3 . The samples were then aspirated into a dual-beam, background-corrected, atomic absorption spectrograph.

Samples for antimony were analyzed by dual-beam, background corrected atomic absorption spectroscopy. The samples were initially fused with sodium bisulfate, digested with an 8N HCl, and extracted into an aliquot of methyl isobutyl ketone after a few drops of ceric sulfate solution was added to digested solution.

Mercury analysis was determined by cold vapor hydride generation on a dual-beam background-corrected atomic absorption spectrophotometer. The samples were digested in $\text{HNO}_3/\text{H}_2\text{SO}_4$ acids and taken to volume. They were then placed in a reaction vessel and injected with a solution of sodium borohydride. The resultant mercury hydride gas was then measured in the quartz cell on the atomic absorption unit.

Samples for silver and gold were analyzed by atomic absorption spectroscopy. The samples were digested in aqua regia and taken to a moist residue. The residue was then treated with 6N HCl and an acetate buffer and brought to volume. Silver was aspirated directly and gold was extracted with an aliquot

of methyl isobutyl ketone. Both elements were determined with a dual-beam, background corrected atomic absorption spectrophotometer.

Arsenic was determined by colorimetric methods. The samples were digested in a $\text{HClO}_4/\text{HNO}_3$ hot acid leach and brought to volume. An aliquot was taken and treated with diluted KI, SnCl_2 , and HCl solutions. Granular zinc was then added and the arsine gas driven through a scrubber containing lead acetate into a cuvet containing a pyridine/silver diethyldithio-carbamate solution. The cuvetts containing the solutions were then placed in a Bausch & Lomb Spectronic 21 spectrophotometer and the percent transmittancy recorded at the appropriate wave length.

The tin samples were sublimed with ammonium iodide and then digested in dilute HCl and ascorbic acid. After being brought to volume the tin was extracted into an MIBK/Topo solution. The tin was then measured on a dual-beam, background - corrected atomic absorption spectrophotometer utilizing a nitrous oxide/acetylene flame.

The barium samples were fused in a graphite crucible using lithium metaborate as a fluxing agent. The resultant bead was poured directly into a bottle containing 10% HNO_3 and mixed thoroughly. The samples were then brought to volume and an aliquot spiked with 10% KCl. The analysis was then made by aspiration into a dual-beam background - corrected atomic absorption spectrophotometer using a nitrous oxide/acetylene flame.

Fluoride was determined using a carbonate fusion and a specific ion electrode. Samples were fused using a sodium carbonate, sodium chloride, and potassium nitrate flux in nickel crucibles followed by a hot deionized H_2O leach. Samples were then brought to volume with deionized H_2O and an aliquot was taken to which an equal volume of TISAB IV was added and then pH adjusted with acetic acid. The fluoride concentration was then determined using an Orion Model 407 fluoride measuring system.

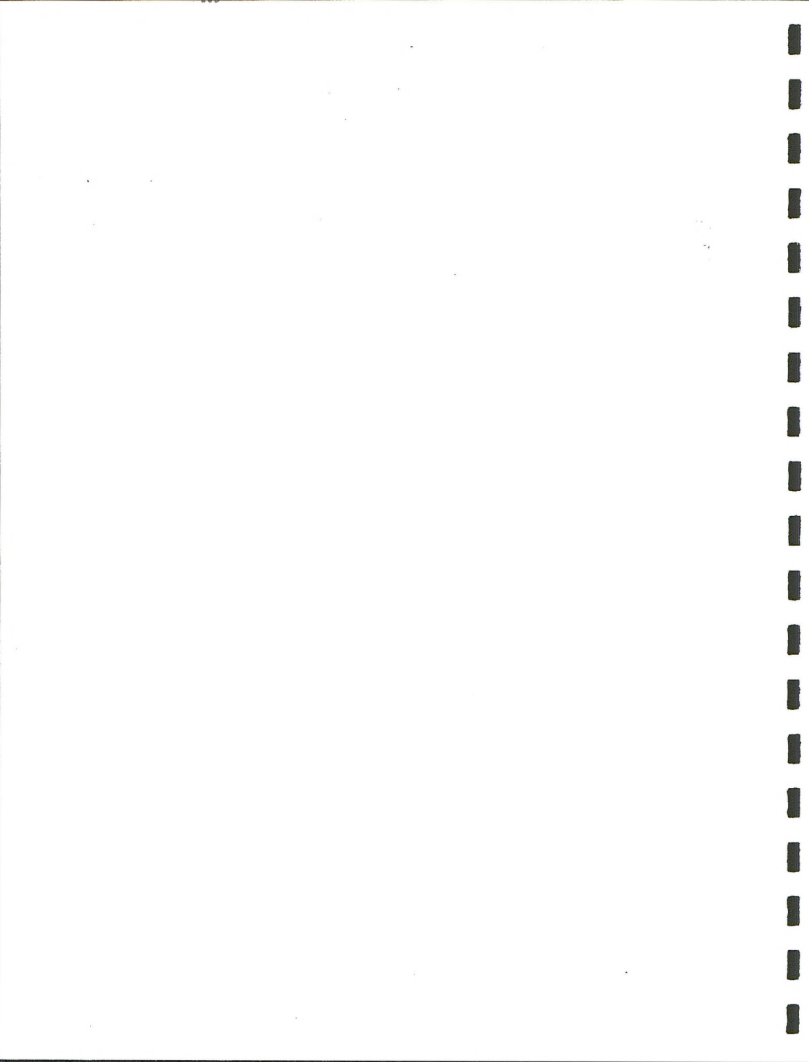
Tungsten was determined by a colorimetric procedure utilizing a carbonate fusion in nickel crucibles. Samples were fused using a sodium carbonate, sodium chloride and potassium nitrate flux and the tungsten was then leached using deionized H_2O . The samples were brought to volume with deionized H_2O and an aliquot taken for color development using stannous chloride and sodium thiocyanate. The color was extracted into an organic solution of tri-butyl phosphate and carbon tetrachloride. The organic layer is subsequently placed in a "Spectronic 21" spectrophotometer and the transmittance is recorded at 410 nm.

Quality Control

Quality control was maintained throughout the entire procedure using the following guidelines. Every twentieth sample repeated a previous sample from weighing through analysis. Every group of 40 samples contained one NBS, USGS, Canadian Government, or in-house standard and one reagent blank. Standards were checked to ensure that the values attained were within the range reported by the issuing authority for that element. Reagent blanks were analyzed to ensure that no reagent contamination had occurred. Repeated samples were used to monitor analytical subsampling errors and analytical precision. The quality control procedures ensure precision well within $\pm 15\%$ at the 95% confidence level generally accepted for geochemical analysis.

APPENDIX C

DESCRIPTIVE STATISTICS



	AL203	CaO	K2O	Na2O	B2O3	TiO2	MnO	P2O5	BE
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
CaO	-0.9425	1.0000	-0.3161	-0.2548	-0.0704	-0.0748	-0.0748	-0.1863	-0.5105
K2O	-0.3743	-0.3161	1.0000	-0.0547	-0.0279	-0.0279	-0.0279	-0.1180	-0.4038
Na2O	-0.3192	-0.2548	-0.0547	1.0000	-0.0133	-0.0133	-0.0133	-0.0437	-0.3437
B2O3	-0.0591	-0.0704	-0.0279	-0.0133	1.0000	-0.0000	-0.0000	-0.0000	-0.0000
Fe2O3	-0.0000	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
TiO2	-0.2913	-0.0748	-0.0279	-0.0133	-0.0000	1.0000	-0.0000	-0.0000	-0.0000
MnO	-0.2249	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	1.0000	-0.0000	-0.0000
P2O5	-0.3333	-0.1863	-0.1180	-0.0437	-0.0000	-0.0000	-0.0000	1.0000	-0.0000
BE	-0.0497	-0.5105	-0.4037	-0.3437	-0.0000	-0.0000	-0.0000	-0.0000	1.0000
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
CaO	-0.9425	1.0000	-0.3161	-0.2548	-0.0704	-0.0748	-0.0748	-0.1863	-0.5105
K2O	-0.3743	-0.3161	1.0000	-0.0547	-0.0279	-0.0279	-0.0279	-0.1180	-0.4038
Na2O	-0.3192	-0.2548	-0.0547	1.0000	-0.0133	-0.0133	-0.0133	-0.0437	-0.3437
B2O3	-0.0591	-0.0704	-0.0279	-0.0133	1.0000	-0.0000	-0.0000	-0.0000	-0.0000
Fe2O3	-0.0000	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
TiO2	-0.2913	-0.0748	-0.0279	-0.0133	-0.0000	1.0000	-0.0000	-0.0000	-0.0000
MnO	-0.2249	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	1.0000	-0.0000	-0.0000
P2O5	-0.3333	-0.1863	-0.1180	-0.0437	-0.0000	-0.0000	-0.0000	1.0000	-0.0000
BE	-0.0497	-0.5105	-0.4037	-0.3437	-0.0000	-0.0000	-0.0000	-0.0000	1.0000
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
CaO	-0.9425	1.0000	-0.3161	-0.2548	-0.0704	-0.0748	-0.0748	-0.1863	-0.5105
K2O	-0.3743	-0.3161	1.0000	-0.0547	-0.0279	-0.0279	-0.0279	-0.1180	-0.4038
Na2O	-0.3192	-0.2548	-0.0547	1.0000	-0.0133	-0.0133	-0.0133	-0.0437	-0.3437
B2O3	-0.0591	-0.0704	-0.0279	-0.0133	1.0000	-0.0000	-0.0000	-0.0000	-0.0000
Fe2O3	-0.0000	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
TiO2	-0.2913	-0.0748	-0.0279	-0.0133	-0.0000	1.0000	-0.0000	-0.0000	-0.0000
MnO	-0.2249	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	1.0000	-0.0000	-0.0000
P2O5	-0.3333	-0.1863	-0.1180	-0.0437	-0.0000	-0.0000	-0.0000	1.0000	-0.0000
BE	-0.0497	-0.5105	-0.4037	-0.3437	-0.0000	-0.0000	-0.0000	-0.0000	1.0000
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
CaO	-0.9425	1.0000	-0.3161	-0.2548	-0.0704	-0.0748	-0.0748	-0.1863	-0.5105
K2O	-0.3743	-0.3161	1.0000	-0.0547	-0.0279	-0.0279	-0.0279	-0.1180	-0.4038
Na2O	-0.3192	-0.2548	-0.0547	1.0000	-0.0133	-0.0133	-0.0133	-0.0437	-0.3437
B2O3	-0.0591	-0.0704	-0.0279	-0.0133	1.0000	-0.0000	-0.0000	-0.0000	-0.0000
Fe2O3	-0.0000	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
TiO2	-0.2913	-0.0748	-0.0279	-0.0133	-0.0000	1.0000	-0.0000	-0.0000	-0.0000
MnO	-0.2249	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	1.0000	-0.0000	-0.0000
P2O5	-0.3333	-0.1863	-0.1180	-0.0437	-0.0000	-0.0000	-0.0000	1.0000	-0.0000
BE	-0.0497	-0.5105	-0.4037	-0.3437	-0.0000	-0.0000	-0.0000	-0.0000	1.0000
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
CaO	-0.9425	1.0000	-0.3161	-0.2548	-0.0704	-0.0748	-0.0748	-0.1863	-0.5105
K2O	-0.3743	-0.3161	1.0000	-0.0547	-0.0279	-0.0279	-0.0279	-0.1180	-0.4038
Na2O	-0.3192	-0.2548	-0.0547	1.0000	-0.0133	-0.0133	-0.0133	-0.0437	-0.3437
B2O3	-0.0591	-0.0704	-0.0279	-0.0133	1.0000	-0.0000	-0.0000	-0.0000	-0.0000
Fe2O3	-0.0000	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
TiO2	-0.2913	-0.0748	-0.0279	-0.0133	-0.0000	1.0000	-0.0000	-0.0000	-0.0000
MnO	-0.2249	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	1.0000	-0.0000	-0.0000
P2O5	-0.3333	-0.1863	-0.1180	-0.0437	-0.0000	-0.0000	-0.0000	1.0000	-0.0000
BE	-0.0497	-0.5105	-0.4037	-0.3437	-0.0000	-0.0000	-0.0000	-0.0000	1.0000
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
CaO	-0.9425	1.0000	-0.3161	-0.2548	-0.0704	-0.0748	-0.0748	-0.1863	-0.5105
K2O	-0.3743	-0.3161	1.0000	-0.0547	-0.0279	-0.0279	-0.0279	-0.1180	-0.4038
Na2O	-0.3192	-0.2548	-0.0547	1.0000	-0.0133	-0.0133	-0.0133	-0.0437	-0.3437
B2O3	-0.0591	-0.0704	-0.0279	-0.0133	1.0000	-0.0000	-0.0000	-0.0000	-0.0000
Fe2O3	-0.0000	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
TiO2	-0.2913	-0.0748	-0.0279	-0.0133	-0.0000	1.0000	-0.0000	-0.0000	-0.0000
MnO	-0.2249	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	1.0000	-0.0000	-0.0000
P2O5	-0.3333	-0.1863	-0.1180	-0.0437	-0.0000	-0.0000	-0.0000	1.0000	-0.0000
BE	-0.0497	-0.5105	-0.4037	-0.3437	-0.0000	-0.0000	-0.0000	-0.0000	1.0000
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
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B2O3	-0.0591	-0.0704	-0.0279	-0.0133	1.0000	-0.0000	-0.0000	-0.0000	-0.0000
Fe2O3	-0.0000	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
TiO2	-0.2913	-0.0748	-0.0279	-0.0133	-0.0000	1.0000	-0.0000	-0.0000	-0.0000
MnO	-0.2249	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	1.0000	-0.0000	-0.0000
P2O5	-0.3333	-0.1863	-0.1180	-0.0437	-0.0000	-0.0000	-0.0000	1.0000	-0.0000
BE	-0.0497	-0.5105	-0.4037	-0.3437	-0.0000	-0.0000	-0.0000	-0.0000	1.0000
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
CaO	-0.9425	1.0000	-0.3161	-0.2548	-0.0704	-0.0748	-0.0748	-0.1863	-0.5105
K2O	-0.3743	-0.3161	1.0000	-0.0547	-0.0279	-0.0279	-0.0279	-0.1180	-0.4038
Na2O	-0.3192	-0.2548	-0.0547	1.0000	-0.0133	-0.0133	-0.0133	-0.0437	-0.3437
B2O3	-0.0591	-0.0704	-0.0279	-0.0133	1.0000	-0.0000	-0.0000	-0.0000	-0.0000
Fe2O3	-0.0000	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
TiO2	-0.2913	-0.0748	-0.0279	-0.0133	-0.0000	1.0000	-0.0000	-0.0000	-0.0000
MnO	-0.2249	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	1.0000	-0.0000	-0.0000
P2O5	-0.3333	-0.1863	-0.1180	-0.0437	-0.0000	-0.0000	-0.0000	1.0000	-0.0000
BE	-0.0497	-0.5105	-0.4037	-0.3437	-0.0000	-0.0000	-0.0000	-0.0000	1.0000
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
CaO	-0.9425	1.0000	-0.3161	-0.2548	-0.0704	-0.0748	-0.0748	-0.1863	-0.5105
K2O	-0.3743	-0.3161	1.0000	-0.0547	-0.0279	-0.0279	-0.0279	-0.1180	-0.4038
Na2O	-0.3192	-0.2548	-0.0547	1.0000	-0.0133	-0.0133	-0.0133	-0.0437	-0.3437
B2O3	-0.0591	-0.0704	-0.0279	-0.0133	1.0000	-0.0000	-0.0000	-0.0000	-0.0000
Fe2O3	-0.0000	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
TiO2	-0.2913	-0.0748	-0.0279	-0.0133	-0.0000	1.0000	-0.0000	-0.0000	-0.0000
MnO	-0.2249	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	1.0000	-0.0000	-0.0000
P2O5	-0.3333	-0.1863	-0.1180	-0.0437	-0.0000	-0.0000	-0.0000	1.0000	-0.0000
BE	-0.0497	-0.5105	-0.4037	-0.3437	-0.0000	-0.0000	-0.0000	-0.0000	1.0000
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
CaO	-0.9425	1.0000	-0.3161	-0.2548	-0.0704	-0.0748	-0.0748	-0.1863	-0.5105
K2O	-0.3743	-0.3161	1.0000	-0.0547	-0.0279	-0.0279	-0.0279	-0.1180	-0.4038
Na2O	-0.3192	-0.2548	-0.0547	1.0000	-0.0133	-0.0133	-0.0133	-0.0437	-0.3437
B2O3	-0.0591	-0.0704	-0.0279	-0.0133	1.0000	-0.0000	-0.0000	-0.0000	-0.0000
Fe2O3	-0.0000	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
TiO2	-0.2913	-0.0748	-0.0279	-0.0133	-0.0000	1.0000	-0.0000	-0.0000	-0.0000
MnO	-0.2249	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	1.0000	-0.0000	-0.0000
P2O5	-0.3333	-0.1863	-0.1180	-0.0437	-0.0000	-0.0000	-0.0000	1.0000	-0.0000
BE	-0.0497	-0.5105	-0.4037	-0.3437	-0.0000	-0.0000	-0.0000	-0.0000	1.0000
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
CaO	-0.9425	1.0000	-0.3161	-0.2548	-0.0704	-0.0748	-0.0748	-0.1863	-0.5105
K2O	-0.3743	-0.3161	1.0000	-0.0547	-0.0279	-0.0279	-0.0279	-0.1180	-0.4038
Na2O	-0.3192	-0.2548	-0.0547	1.0000	-0.0133	-0.0133	-0.0133	-0.0437	-0.3437
B2O3	-0.0591	-0.0704	-0.0279	-0.0133	1.0000	-0.0000	-0.0000	-0.0000	-0.0000
Fe2O3	-0.0000	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	-0.0000	-0.0000	-0.0000
TiO2	-0.2913	-0.0748	-0.0279	-0.0133	-0.0000	1.0000	-0.0000	-0.0000	-0.0000
MnO	-0.2249	-0.0748	-0.0279	-0.0133	-0.0000	-0.0000	1.0000	-0.0000	-0.0000
P2O5	-0.3333	-0.1863	-0.1180	-0.0437	-0.0000	-0.0000	-0.0000	1.0000	-0.0000
BE	-0.0497	-0.5105	-0.4037	-0.3437	-0.0000	-0.0000	-0.0000	-0.0000	1.0000
AL203	1.00000	-0.9425	-0.3743	-0.3192	-0.0591	-0.2913	-0.2249	-0.3333	-0.0497
Ca									

	CD	CD	CR	CU	NI	PB	SR	TH	V	ZN
AL203	.49350	.44988	.28361	.34537	.24352	-.15272	.21627	-.18007	.30054	.11322
CAO	.09136	.04577	.11246	-.01789	.11246	-.02607	.42350	-.33955	.04101	.14504
K2O	.57373	.62567	.46894	.72567	.57373	.62567	.46894	.72567	.57373	.62567
N2O	.24888	.29347	.40049	.32167	.24888	.29347	.40049	.32167	.24888	.29347
N2O	.62871	.62871	.49566	.49566	.49566	.49566	.49566	.49566	.49566	.49566
FE2O3	.59913	.59913	.40788	.39736	.40788	.39736	.40788	.39736	.40788	.39736
TH	.32413	.32413	.13187	.19844	.13187	.19844	.13187	.19844	.13187	.19844
NH	.32413	.32413	.13187	.19844	.13187	.19844	.13187	.19844	.13187	.19844
CO	.15554	.09685	.52324	.25405	.18209	.16803	.28703	.43777	.20698	.08647
CO	.100000	.47258	.37938	.41619	.18041	.18041	.13319	-.27200	.63012	.47659
CD	.42258	.100000	.45482	.43946	.45888	.45888	.41439	.10493	.00211	.41078
CR	.37139	.37139	.43942	.43942	.43942	.43942	.43942	.43942	.43942	.43942
NI	.34960	.45688	.43399	.43399	.43399	.43399	.43399	.43399	.43399	.43399
NI	.18041	.18041	.18041	.18041	.18041	.18041	.18041	.18041	.18041	.18041
SR	.13319	.10493	.10493	.10493	.10493	.10493	.10493	.10493	.10493	.10493
SR	.10493	.10493	.10493	.10493	.10493	.10493	.10493	.10493	.10493	.10493
TH	.27200	.63012	.41078	.41078	.41078	.41078	.41078	.41078	.41078	.41078
TH	.41078	.41078	.41078	.41078	.41078	.41078	.41078	.41078	.41078	.41078
ZN	.47659	.47659	.47659	.47659	.47659	.47659	.47659	.47659	.47659	.47659
ZN	.47659	.47659	.47659	.47659	.47659	.47659	.47659	.47659	.47659	.47659
AG	.01534	.00284	.13352	-.09907	.10052	.17138	.33468	.02521	.15592	.13434
AG	.00284	.00284	.13352	.09907	.10052	.17138	.33468	.02521	.15592	.13434
AS	.10507	.07900	.00959	.05207	.00157	.28569	.04548	.02221	.01354	.23462
AS	.07900	.07900	.00959	.05207	.00157	.28569	.04548	.02221	.01354	.23462
BA	.07003	.00766	.00935	.05902	.00898	.22705	.02352	.03074	.02577	.00651
BA	.00766	.00766	.00935	.05902	.00898	.22705	.02352	.03074	.02577	.00651
F	.15278	.15337	.17085	-.04699	.07347	.05754	.00710	.05983	.10413	-.05385
F	.15278	.15337	.17085	-.04699	.07347	.05754	.00710	.05983	.10413	-.05385
H	.02199	.00537	.00737	-.01502	.02122	.03701	.00746	.03459	.00660	.01152
H	.02199	.00537	.00737	-.01502	.02122	.03701	.00746	.03459	.00660	.01152
LI	.32763	.32763	.32763	.32763	.32763	.32763	.32763	.32763	.32763	.32763
LI	.32763	.32763	.32763	.32763	.32763	.32763	.32763	.32763	.32763	.32763
LI	.02356	.00698	.02356	.00698	.02356	.00698	.02356	.00698	.02356	.00698
LI	.02356	.00698	.02356	.00698	.02356	.00698	.02356	.00698	.02356	.00698
SN	.04021	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.00529
SN	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.00529
SN	.04021	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.00529
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SN	.04021	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.00529
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SN	.04021	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.00529
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SN	.00529	.00529	.00529	.00529	.00529	.00529	.00529	.0052		

BARRINGER RESOURCES INC.

STANDARD STATISTICAL PACKAGE

BUREAU OF LAND MANAGEMENT
 RENO, NEVADA
 G-E-M RESOURCE EVALUATION
 WINNEMUCCA DISTRICT

SAMPLE TYPE= STREAM SEDIMENTS

PROJECT CODE= YA-553-CT1-1096

VARIABLE	MEAN	STD DEV	MIN	MAX	RANGE	NO.SAMPLES WITH RESULTS
AL203	.154E+02	.207E+01	.733E+01	.266E+02	.193E+02	1895
CAO	.485E+01	.225E+01	.150E+00	.314E+02	.312E+02	1870
K20	.228E+01	.774E+00	.630E+00	.539E+01	.476E+01	1896
NA20	.308E+01	.633E+00	.740E+00	.649E+01	.575E+01	1888
MGO	.194E+01	.803E+00	.140E+00	.624E+01	.610E+01	1883
FE203	.666E+01	.287E+01	.179E+01	.515E+02	.497E+02	1874
TI02	.103E+01	.548E+00	.800E-01	.894E+01	.886E+01	1867
MNO	.586E-01	.430E-01	.100E-01	.130E+00	.120E+00	1904
P205	.289E+00	.120E+00	.500E-01	.118E+01	.113E+01	1904
AU	.658E-03	.424E-02	.500E-03	.169E+00	.169E+00	1904
SB	.590E+00	.165E+01	.500E+00	.610E+02	.605E+02	1904
SN	.117E+00	.127E+00	.100E+00	.280E+01	.270E+01	1904
BE	.156E+01	.627E+00	.200E-01	.617E+01	.615E+01	1892
CD	.714E+01	.324E+01	.400E+00	.296E+02	.292E+02	1866
CO	.164E+02	.912E+01	.200E+01	.880E+02	.860E+02	1880
CR	.458E+02	.375E+02	.400E+00	.448E+03	.447E+03	1875
CU	.348E+02	.167E+02	.980E+01	.214E+03	.204E+03	1873
NI	.358E+02	.186E+02	.800E+01	.973E+03	.965E+03	1897
PB	.644E+01	.582E+01	.200E+01	.265E+03	.263E+03	1897
SR	.421E+03	.153E+03	.102E+02	.999E+03	.989E+03	1890
TH	.162E+02	.935E+01	.500E+00	.158E+03	.158E+03	1887
V	.136E+03	.781E+02	.132E+02	.818E+03	.804E+03	1868
ZN	.115E+03	.333E+02	.300E+02	.882E+03	.852E+03	1878
ZR	.138E+03	.505E+02	.187E+02	.460E+03	.442E+03	1876
AG	.210E-02	.768E-03	.200E-02	.800E-01	.780E-01	1885
AS	.895E+01	.742E+01	.100E+01	.155E+03	.154E+03	1870
BA	.901E+03	.287E+03	.740E+02	.640E+04	.633E+04	1878
F	.508E+03	.202E+03	.100E+02	.990E+04	.989E+04	1897
HG	.786E+01	.679E+01	.200E+01	.124E+04	.124E+04	1902
LI	.233E+02	.859E+01	.100E+01	.111E+03	.110E+03	1883
MD	.163E+01	.117E+01	.500E+00	.380E+02	.375E+02	1888
U	.968E+00	.819E+00	.100E+00	.760E+02	.759E+02	1890
W	.767E+01	.935E+01	.100E+01	.200E+03	.199E+03	1859

FOR: BUREAU OF LAND MANAGEMENT
SAMPLE TYPE= STREAM SEDIMENTS

FREQUENCY DISTRIBUTION HISTOGRAM FOR SB

```

CLASS MARK 0 5 10 15 20 25 30 35 40 45 50 PERCENT
...PPH .....I-----I-----I-----I-----I-----I-----I
-4.04 I
-3.38 I
-3.72 I
-2.06 I
-1.40 I
-.72 I
-.07 I
.59 I
1.25 I
1.91 I
2.58 I
3.24 I
3.90 I
4.56 I
5.22 I
5.88 I
6.55 I
7.21 I
7.87 I
8.53 I
I-----I-----I-----I-----I-----I-----I

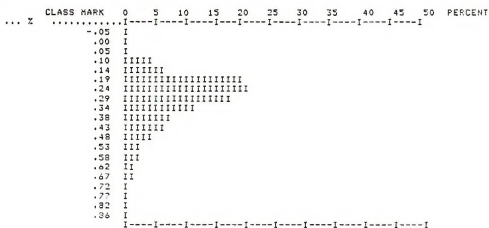
```

PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR SB

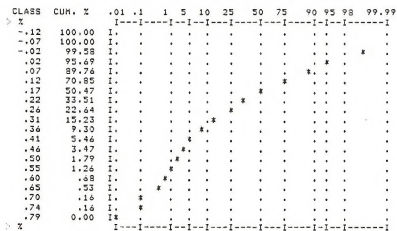
[illegible]

SAMPLE TYPE= STREAM SEDIMENTS

FREQUENCY DISTRIBUTION HISTOGRAM FOR P205



PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR P205



SAMPLE TYPE* STREAM SEDIMENTS

```

CLASS MARK: 0 5 10 15 20 25 30 35 40 45 50 PERCENT
...PFM I---I---I---I---I---I---I---I---I---I---I
-3.43 I
16.76 I
26.96 II
27.16 IIIIII
27.36 IIIIIII
27.55 IIIIIIIIIIIII
117.75 IIIIIIIIIIIIIIIIIIIII
137.95 IIIIIIIIIIIIIIIIIIIII
156.14 IIIIIIIIIIIII
178.34 IIIIIIIII
198.54 IIIIIII
218.73 IIII
236.93 III
259.13 III
279.33 II
298.52 II
319.72 I
339.92 I
360.11 I
380.31 I
I---I---I---I---I---I---I---I---I---I---I

```

[illegible]

SAMPLE TYPE= STREAM SEDIMENTS

CLASS MARK 0 5 10 15 20 25 30 35 40 45 50 PERCENT

[illegible]

```

CLASS CUM. %      01 1 1 1 5 10 25 50 75 90 95 98 99.99
/ PPM
- .00 100.00 1. - - - - - - - - - - - - - - - - - - - -
- .00 100.00 1. - - - - - - - - - - - - - - - - - - - -
- .00 100.00 1. - - - - - - - - - - - - - - - - - - - -
- .00 100.00 1. - - - - - - - - - - - - - - - - - - - -
- .00 100.00 1. - - - - - - - - - - - - - - - - - - - -
- .00 100.00 1. - - - - - - - - - - - - - - - - - - - -
- .00 100.00 1. - - - - - - - - - - - - - - - - - - - -
- .00 100.00 1. - - - - - - - - - - - - - - - - - - - -
- .00 100.00 1. - - - - - - - - - - - - - - - - - - - -
- .00 3.13 1. - - - - - - - - - - - - - - - - - - - -
- .00 3.13 1. - - - - - - - - - - - - - - - - - - - -
- .00 3.13 1. - - - - - - - - - - - - - - - - - - - -
- .00 3.13 1. - - - - - - - - - - - - - - - - - - - -
- .00 3.13 1. - - - - - - - - - - - - - - - - - - - -
- .00 3.13 1. - - - - - - - - - - - - - - - - - - - -
- .00 3.13 1. - - - - - - - - - - - - - - - - - - - -
- .00 3.13 1. - - - - - - - - - - - - - - - - - - - -
- .00 1.75 1. - - - - - - - - - - - - - - - - - - - -
- .00 1.75 1. - - - - - - - - - - - - - - - - - - - -
- .00 1.75 1. - - - - - - - - - - - - - - - - - - - -
- .01 0.00 1. - - - - - - - - - - - - - - - - - - - -
/ PPM

```

FREQUENCY DISTRIBUTION HISTOGRAM FOR AL2O3

PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR AL2O3

[illegible]

FROM: BUREAU OF LAND MANAGEMENT

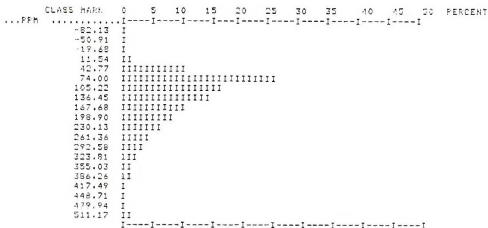
SAMPLE TYPE= STREAM SEDIMENTS

Table 1 Demographic characteristics of study population

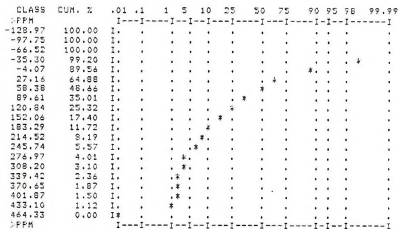
CONTRIBUTION FOR ZN

SAMPLE TYPE= STREAM SEDIMENTS

FREQUENCY DISTRIBUTION HISTOGRAM FOR V



PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR V



FOR: BUREAU OF LAND MANAGEMENT

SAMPLE TYPE# STREAM SEDIMENTS

FORN BUREAU OF LAND MANAGEMENT
STREAM SEDIMENTS

FORN BUREAU OF LAND MANAGEMENT
STREAM SEDIMENTS

FORN BUREAU OF LAND MANAGEMENT
STREAM SEDIMENTS

FORN BUREAU OF LAND MANAGEMENT
STREAM SEDIMENTS

STANDARD STATISTICAL PACKAGE...BARRINGER RESOURCES INC.

DATA ANALYSIS FOR SR

FOR: BUREAU OF LAND MANAGEMENT
SAMPLE TYPE= STREAM SEDIMENTS

FREQUENCY DISTRIBUTION HISTOGRAM FOR SR

...PPH	CLASS HARN	0	5	10	15	20	25	30	35	40	45	50	PERCENT
	-7.76	11											
	33.49	11											
	114.74	11											
	176.00	11111											
	237.25	1111111											
	298.50	11111111111111111											
	359.74	111111111111111111111											
	421.01	11111111111111111111111											
	482.26	11111111111111111111111											
	543.52	11111111111111111111111											
	604.77	11111111											
	666.02	1111											
	727.27	111											
	788.53	111											
	849.78	11											
	911.03	11											
	972.29	1											
	1033.54	1											
	1094.79	1											
	1156.05	1											
			1		1		1		1		1		1

PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR SR

CLASS	CUM. %	.01	.1	1	5	10	25	50	75	90	95	98	99.99
PPH		1								1			1
-99.64	99.26	1											
-38.39	98.57	1											
22.86	97.14	1											
84.12	93.39	1											
145.37	87.09	1											
206.62	73.60	1											
267.88	55.87	1											
329.13	39.42	1											
390.38	25.66	1											
451.64	15.45	1											
512.89	9.31	1											
574.14	6.30	1											
635.39	3.86	1											
696.65	1.53	1											
757.90	.95	1											
819.15	.26	1											
880.41	0.00	1											
941.66	0.00	1											
1002.91	0.00	1											
1064.17	0.00	1											
PPH		1								1			1

TO: BUREAU OF LAND MANAGEMENT

SAMPLE TYPE= STREAM SEDIMENTS

CLASS MARK 0 5 10 15 20 25 30 35 40 45 50 PERCENT

```

CLASS MARK      0   5  10  15  20  25  30  35  40  45  50 PERCENT
...FFM .....I---I---I---I---I---I---I---I---I---I---I---I
-9.87 I
-7.54 I
-5.21 I
-2.88 I
-.55 I
1.75 I|||||I|||||I|||||I|||||I|||||I|||||I|||||I|||||I
4.11 I|||||I|||||I
6.44 I
8.77 I
11.50 I|||||I|||||I|||||I|||||I
13.43 I
15.75 I|||||I|||||I
18.08 I
20.41 IIII
22.74 I
25.07 II
27.40 I
29.73 I
32.06 I
34.39 I
||-----I-----I-----I-----I-----I-----I-----I

```

[illegible]

SAMPLE TYPE# STEAM) SEDIMENTS

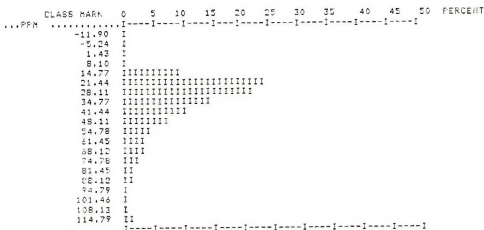
CLASS MARK 0 5 10 15 20 25 30 35 40 45 50 PERCENT

PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR NI

[illegible]

SAMPLE TYPE= STREAM SEDIMENTS

FREQUENCY DISTRIBUTION HISTOGRAM FOR CU



PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR CU

[illegible]

STANDARD STATISTICAL PACKAGE...BARRINGER RESOURCES INC.

DATA ANALYSIS FOR CR

FOR: BUREAU OF LAND MANAGEMENT
SAMPLE TYPE= STREAM SEDIMENTS

FREQUENCY DISTRIBUTION HISTOGRAM FOR CR

CLASS MARK	0	5	10	15	20	25	30	35	40	45	50	PERCENT
...PPH	.....	I	-----	I	-----	I	-----	I	-----	I	-----	I
-59.18	I											
-44.17	I											
-39.17	I											
-14.17	I											
.83	IIIIIIIIII											
15.84	IIIIIIIIII											
30.84	IIIIIIIIII											
45.84	IIIIIIIIII											
60.85	IIIIIIIIII											
75.85	IIIIIIII											
90.85	IIIIII											
105.86	IIII											
120.86	IIII											
135.86	III											
150.87	III											
165.87	II											
180.87	II											
195.88	I											
210.88	I											
225.88	II											
	I	-----	I	-----	I	-----	I	-----	I	-----	I	

PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR CR

CLASS	CUM. X	.01	.1	1	5	10	25	50	75	90	95	98	99.99
...PPH		.....	I	-----	I	-----	I	-----	I	-----	I	-----	I
-81.68	100.00	I	.	.	.	.	.	.	.	.	.	.	.
-66.68	100.00	I	.	.	.	.	.	.	.	.	.	.	.
-51.68	100.00	I	.	.	.	.	.	.	.	.	.	.	.
-36.67	100.00	I	.	.	.	.	.	.	.	.	.	.	.
-21.67	90.40	I	.	.	.	.	.	.	.	.	.	.	.
-6.67	70.24	I	.	.	.	.	.	.	.	.	.	.	.
8.34	45.17	I	.	.	.	.	.	.	.	.	.	.	.
23.34	29.65	I	.	.	.	.	.	.	.	.	.	.	.
38.34	21.44	I	.	.	.	.	.	.	.	.	.	.	.
53.35	16.11	I	.	.	.	.	.	.	.	.	.	.	.
68.35	12.05	I	.	.	.	.	.	.	.	.	.	.	.
83.35	9.23	I	.	.	.	.	.	.	.	.	.	.	.
98.36	6.51	I	.	.	.	.	.	.	.	.	.	.	.
113.36	4.64	I	.	.	.	.	.	.	.	.	.	.	.
128.36	3.09	I	.	.	.	.	.	.	.	.	.	.	.
143.37	2.24	I	.	.	.	.	.	.	.	.	.	.	.
158.37	1.49	I	.	.	.	.	.	.	.	.	.	.	.
173.37	1.07	I	.	.	.	.	.	.	.	.	.	.	.
188.37	.64	I	.	.	.	.	.	.	.	.	.	.	.
203.38	0.00	I
...PPH		I	-----	I	-----	I	-----	I	-----	I	-----	I

FOR: BUREAU OF LAND MANAGEMENT

SAMPLE TYPE= STREAM SEDIMENTS

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CAUTION FOR CO

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SAMPLE TYPE- FOR: BUREAU OF LAND MANAGEMENT
STREAM SEDIMENTS

```

CLASS MARK      0    5   10   15   20   25   30   35   40   45   50 PERCENT
...PPM .....|---|---|---|---|---|---|---|---|---|---|
-1.94 I
-.64 I
+.66 II
1.05 III
3.25 IIIIIIIIII
4.55 IIIIIIIIIII
5.85 IIIIIIIIIIIII
7.14 IIIIIIIIIIIII
8.44 IIIIIIIIIII
9.74 IIIIIIIII
11.04 IIIIIII
12.33 IIIII
13.63 IIII
14.93 IIII
16.23 II
17.52 II
18.82 II
20.12 II
21.42 I
22.71 II
.....|---|---|---|---|---|---|---|---|---|---|

```

CLASS	CUM. X	01	1	5	10	25	50	75	90	95	98	99.99
>FFH		I	---	I	---	I	---	I	---	I	---	I
-3.88	100.00	I										
-2.59	100.00	I										
-1.29	99.46	I										
.01	97.53	I										
1.31	87.51	I										
2.60	69.88	I										
3.99	50.05	I										
5.20	36.01	I										
6.50	26.21	I										
7.79	17.79	I										
9.09	12.33	I										
10.39	8.41	I										
11.69	5.79	I										
12.98	4.13	I										
14.28	3.43	I										
15.58	2.43	I										
16.88	1.61	I										
18.17	.96	I										
19.47	.54	I										
20.77	0.00	I										
<FFH		I	---	I	---	I	---	I	---	I	---	I

STANDARD STATISTICAL PACKAGE...SAPRINGER RESOURCES INC.

FOR: BUREAU OF LAND MANAGEMENT

DATA ANALYSIS FOR BE

SAMPLE TYPE- STREAM SEDIMENTS

FREQUENCY DISTRIBUTION HISTOGRAM FOR BE

CLASS MARK	0	5	10	15	20	25	30	35	40	45	50	PERCENT
...PPH	.....	I	---	---	I	---	---	I	---	---	I	---
	-1.20	I										
	.05	III										
	.30	III										
	.58	IIII										
	.81	IIIIII										
	1.06	IIIIIIIIII										
	1.31	IIIIIIIIIIIIIIIIIIII										
	1.56	IIIIIIIIIIIIIIIIIIII										
	1.81	IIIIIIIIIIIIII										
	2.06	IIIIIIIIII										
	2.31	IIIIII										
	2.56	IIII										
	2.81	IIII										
	3.06	II										
	3.31	I										
	3.57	I										
	3.82	I										
	4.07	I										
	4.32	I										
	4.57	I										
		I	---	---	I	---	---	I	---	---	I	---

PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR BE

CLASS	CUM. %	.01	.1	1	5	10	25	50	75	90	95	98	99.99
PPH		I	---	---	I	---	---	I	---	---	I	---	I
-1.57	100.00	I	.	.	.	.	.	.	.	.	.	.	.
-1.32	97.89	I	.	.	.	.	.	.	.	.	.	.	.
-1.07	94.09	I	.	.	.	.	.	.	.	.	.	.	.
.18	92.34	I	.	.	.	.	.	.	.	.	.	.	.
.43	88.21	I	.	.	.	.	.	.	.	.	.	.	.
.68	76.00	I	.	.	.	.	.	.	.	.	.	.	.
.93	56.24	I	.	.	.	.	.	.	.	.	.	.	.
1.18	37.21	I	.	.	.	.	.	.	.	.	.	.	.
1.43	25.00	I	.	.	.	.	.	.	.	.	.	.	.
1.68	15.38	I	.	.	.	.	.	.	.	.	.	.	.
1.94	9.94	I	.	.	.	.	.	.	.	.	.	.	.
2.19	5.66	I	.	.	.	.	.	.	.	.	.	.	.
2.44	2.96	I	.	.	.	.	.	.	.	.	.	.	.
2.69	1.76	I	.	.	.	.	.	.	.	.	.	.	.
2.94	1.00	I	.	.	.	.	.	.	.	.	.	.	.
3.19	.63	I	.	.	.	.	.	.	.	.	.	.	.
3.44	.42	I	.	.	.	.	.	.	.	.	.	.	.
3.69	.26	I	.	.	.	.	.	.	.	.	.	.	.
3.94	.16	I	.	.	.	.	.	.	.	.	.	.	.
4.19	0.00	I	.	.	.	.	.	.	.	.	.	.	.
PPH		I	---	---	I	---	---	I	---	---	I	---	I

FBI BUREAU OF LAND MANAGEMENT

SAMPLE TYPE= STREAM SEDIMENTS

CLASS MARK 0 5 10 15 20 25 30 35 40 45 50 PERCENT

```

-06 I
-.04 I
-.03 I
-.01 I
.01 I
.02 I
.04 I
.06 I
.08 I
.09 I
.11 I
.13 I
.14 I
.16 I
.18 I
.20 I
.21 I
.23 I
.25 I
.27 I

```

[illegible]

FOR: BUREAU OF LAND MANAGEMENT

SAMPLE TYPE= STREAM SEDIMENTS

1000 1000 1000 1000 1000 1000 1000 1000 1000 1000

I-----I-----I-----I-----I-----I-----I=====I=====I=====I=====I

UTION FOR: T102

[illegible]

FBI: BUREAU OF LAND MANAGEMENT

SAMPLE TYPE# STREAM SEDIMENTS

[illegible][illegible]

FOR: BUREAU OF LAND MANAGEMENT

SAMPLE TYPE= STREAM SEDIMENTS

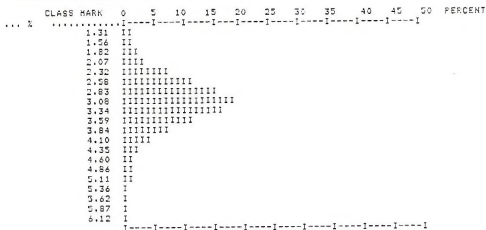
I = I = I = I = I = I = I = I

DISTRIBUTION FOR HCO

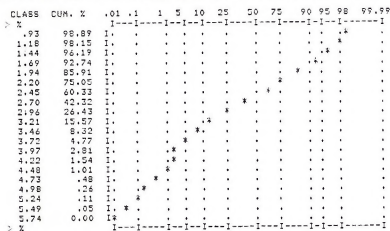
I-----I=====I==I====I=====I-----I-----I-----I-----I-----

FOR: BUREAU OF LAND MANAGEMENT
SAMPLE TYPE= STREAM SEDIMENTS

FREQUENCY DISTRIBUTION HISTOGRAM FOR NA20



PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR NA2O



FBI BUREAU OF LAND MANAGEMENT

SAMPLE TYPE= STREAM SEDIMENTS

-----|-----|=====|-----|-----|-----|=====|=====|-----|-----|-----|

CONTRIBUTION FOR K_2O

I = = = I = = = = I = = I = - - I - - - I - - - I = = = I = = = I = I = - - I - - - - - I

FOR: BUREAU OF LAND MANAGEMENT

SAMPLE TYPE= STREAM SEDIMENTS

```

CLASS MARK      0   5   10   15   20   25   30   35   40   45   50 PERCENT
... % -----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
-1.45 I
-.59 I
-.35 II
1.25 III
2.15 IIIIIIII
3.05 IIIIIIIIIIIIIIIII
3.95 IIIIIIIIIIIIIIIII
4.85 IIIIIIIIIIIIIIIII
5.76 IIIIIIIIIIIIIIIII
6.66 IIIIIIIIIII
7.56 IIIII
8.46 IIII
9.36 IIII
10.28 II
11.16 II
12.06 II
12.97 II
13.87 I
14.77 I
15.67 I
          |-----|-----|-----|-----|-----|-----|-----|-----|

```

```

CLASS    CUM. X      01  .1  1  5  10  25  50  75  90  95  98  99.99
X
-2.81  100.00  I.  .  .  .  .  .  .  .  .  .  .
-1.90  100.00  I.  .  .  .  .  .  .  .  .  .  .
-1.00  97.20  I.  .  .  .  .  .  .  .  .  .  .
-.10  96.95  I.  .  .  .  .  .  .  .  .  .  .
.80  87.27  I.  .  .  .  .  .  .  .  .  .  .
1.70  82.20  I.  .  .  .  .  .  .  .  .  .  .
2.60  54.55  I.  .  .  .  .  .  .  .  .  .  .
3.50  39.14  I.  .  .  .  .  .  .  .  .  .  .
4.40  25.35  I.  .  .  .  .  .  .  .  .  .  .
5.31  15.35  I.  .  .  .  .  .  .  .  .  .  .
6.21  10.00  I.  .  .  .  .  .  .  .  .  .  .
7.11  6.79  I.  .  .  .  .  .  .  .  .  .  .
8.01  5.03  I.  .  .  .  .  .  .  .  .  .  .
8.91  4.17  I.  .  .  .  .  .  .  .  .  .  .
9.81  3.58  I.  .  .  .  .  .  .  .  .  .  .
10.71  2.78  I.  .  .  .  .  .  .  .  .  .  .
11.61  2.25  I.  .  .  .  .  .  .  .  .  .  .
12.51  1.93  I.  .  .  .  .  .  .  .  .  .  .
13.42  1.60  I.  .  .  .  .  .  .  .  .  .  .
14.32  0.00  I.  .  .  .  .  .  .  .  .  .  .
X

```

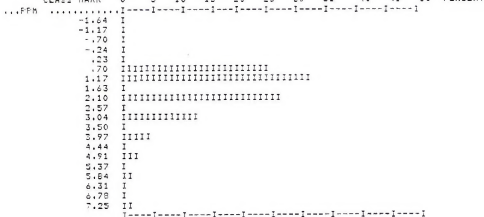
FBI: BUREAU OF LAND MANAGEMENT

SAMPLE TYPE- STREAM SEDIMENTS

[illegible][illegible]

SAMPLE TYPE= STREAM SEDIMENTS

CLASS MARK	0	5	10	15	20	25	30	35	40	45	50	PERCENT
------------	---	---	----	----	----	----	----	----	----	----	----	---------

[illegible]

FOR: BUREAU OF LAND MANAGEMENT

SAMPLE TYPE= STREAM SEDIMENTS

CLASS MARK 0 5 10 15 20 25 30 35 40 45 50 PERCENT

```

CLASS MARK 0 5 10 15 20 25 30 35 40 45 50 PERCENT
...PPH .....|-----|-----|-----|-----|-----|-----|-----|
-1.80 I
2.63 I
6.07 I
9.50 IIII
12.94 IIIIIIIIIII
16.38 IIIIIIIIIIIIIIIIIIIII
19.81 IIIIIIIIIIIIIIIII
23.25 IIIIIIIIIIIII
26.69 IIIIIIIIIIIII
30.12 IIIIIII
33.56 IIIIIII
37.00 IIIII
40.43 IIII
43.87 III
47.31 II
50.74 II
54.18 I
57.61 I
61.05 I
64.49 I
.....|-----|-----|-----|-----|-----|-----|-----|

```

[illegible]

FOR: BUREAU OF LAND MANAGEMENT
SAMPLE TYPE= STREAM SEDIMENTS

FREQUENCY DISTRIBUTION HISTOGRAM FOR HQ

```

CLASS MARK 0 5 10 15 20 25 30 35 40 45 50 PERCENT
...FFB .....I---I---I---I---I---I---I---I---I---I
-11.15 I
-8.44 I
-5.72 I
-3.01 I
-.29 I
2.43 I|||||
2.14 I|||||
7.86 I|||||
10.57 I|||||
13.29 I|||||
16.00 III
18.72 IIII
21.43 II
24.15 II
26.86 II
29.58 I
32.29 I
35.01 I
37.72 I
40.44 I
.....I---I---I---I---I---I---I---I---I---I

```

PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR HG

[illegible]

DATA ANALYSIS FOR F SAMPLE TYPE- STREAM SEDIMENTS

[illegible][illegible]

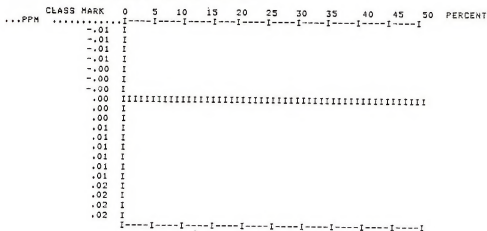
SAMPLE TYPE= STREAM SEDIMENTS

CLASS MARK 0 5 10 15 20 25 30 35 40 45 50 PERCENT

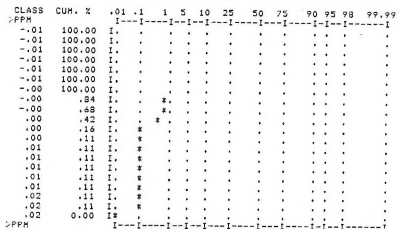
[illegible][illegible]

DATA ANALYSIS FOR AU SAMPLE TYPE# STREAM SEDIMENTS FOR: BUREAU OF LAND MANAGEMENT

FREQUENCY DISTRIBUTION HISTOGRAM FOR AU



PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR AU



FOR: BUREAU OF LAND MANAGEMENT

SAMPLE TYPE= STREAM SEDIMENTS

```

CLASS MARK 0 5 10 15 20 25 30 35 40 45 50 PERCENT
...FPM I-----I-----I-----I-----I-----I-----I
-18.52 I
-14.78 I
-11.04 I
-7.30 I
-3.56 I
.18 IXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
3.92 IXXXXXXXXXX
7.67 IXXXXXXXXXXXXXXXXX
11.41 IXXXXXXXXXX
15.15 IXXXX
18.89 IXXX
22.63 I
26.37 I
30.11 I
33.85 II
37.59 II
41.34 II
45.08 I
48.82 I
52.56 I

```

```

CLASS    CUM. X    01  1  5  10  25  50  75  90  95  98  99.99
>PFH
-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
-24.13  100.00  1.  |  |  |  |  |  |  |  |  |  |  |  |
-20.39  100.00  1.  |  |  |  |  |  |  |  |  |  |  |  |
-16.65  100.00  1.  |  |  |  |  |  |  |  |  |  |  |  |
-12.91  100.00  1.  |  |  |  |  |  |  |  |  |  |  |  |
-9.17   100.00  1.  |  |  |  |  |  |  |  |  |  |  |  |
-5.43   61.38  1.  |  |  |  |  |  |  |  |  |  |  |  |
-1.69   50.10  1.  |  |  |  |  |  |  |  |  |  |  |  |
  2.05  30.02  1.  |  |  |  |  |  |  |  |  |  |  |  |
  5.80  18.88  1.  |  |  |  |  |  |  |  |  |  |  |  |
  9.54  13.88  1.  |  |  |  |  |  |  |  |  |  |  |  |
 13.28  10.24  1.  |  |  |  |  |  |  |  |  |  |  |  |
 17.02  8.50  1.  |  |  |  |  |  |  |  |  |  |  |  |
 20.76  6.72  1.  |  |  |  |  |  |  |  |  |  |  |  |
 24.50  5.51  1.  |  |  |  |  |  |  |  |  |  |  |  |
 28.24  5.16  1.  |  |  |  |  |  |  |  |  |  |  |  |
 31.98  4.11  1.  |  |  |  |  |  |  |  |  |  |  |  |
 35.72  3.77  1.  |  |  |  |  |  |  |  |  |  |  |  |
 39.47  3.34  1.  |  |  |  |  |  |  |  |  |  |  |  |
 43.21  2.85  1.  |  |  |  |  |  |  |  |  |  |  |  |
 46.95  0.00  18.  |  |  |  |  |  |  |  |  |  |  |  |
-----|-----|-----|-----|-----|-----|-----|-----|-----|

```

DATA ANALYSIS FOR SN SAMPLE TYPE= STREAM SEDIMENTS
FREQUENCY DISTRIBUTION HISTOGRAM FOR SN

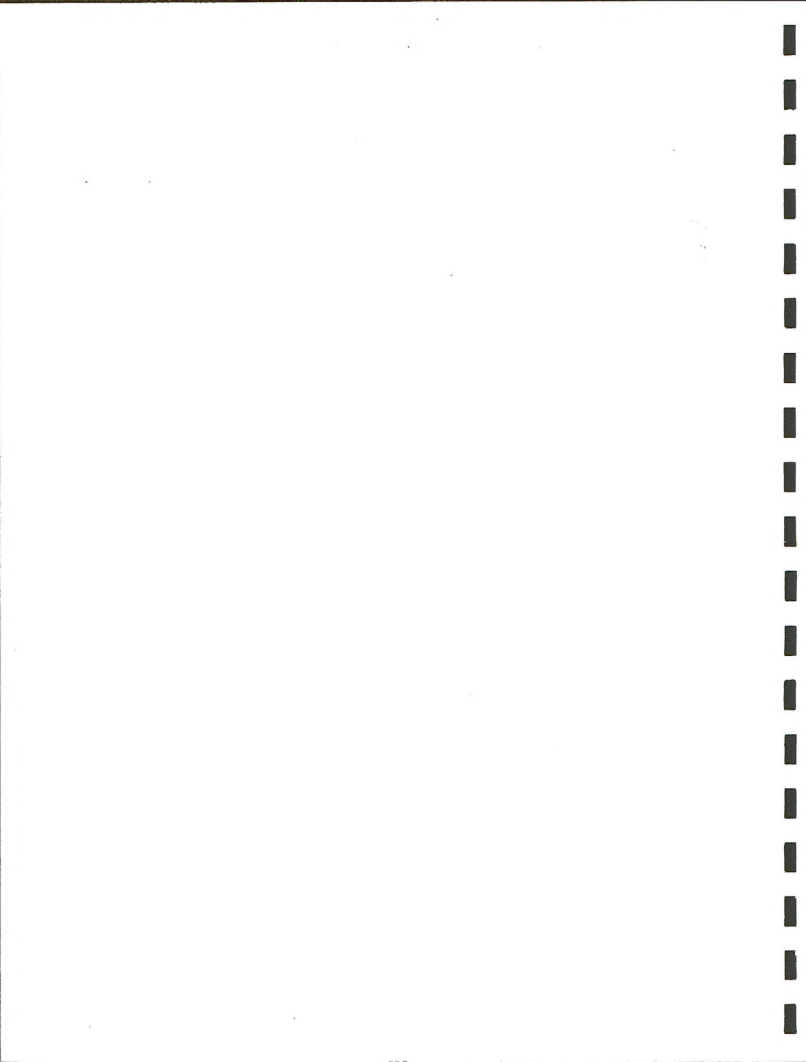
[illegible]

PROBABILITY PLOT OF CUMULATIVE FREQUENCY DISTRIBUTION FOR SN

[illegible]

APPENDIX C

GEOCHEMICAL DATA





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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 1

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
1	10.51	2.25	2.55	1.27	2.20	5.46	.69	.09
2	14.39	2.63	3.52	1.89	.95	3.69	.51	.07
3	9.09	1.73	1.97	1.14	.90	2.86	.50	.04
4	9.44	1.00	2.33	.74	.83	3.72	.46	.07
5	16.27	4.56	1.98	2.97	2.67	11.10	1.65	.02
6	16.63	4.52	2.32	3.56	2.02	5.57	.87	.01
7	15.19	4.25	1.83	2.95	2.79	12.48	2.18	.02
8	17.51	5.30	2.02	3.68	2.89	7.82	1.19	.01
9	16.83	4.65	2.13	3.13	2.40	6.23	.93	.13
10	17.12	5.83	2.10	3.46	3.70	8.97	1.27	.02
11	15.42	5.27	1.77	3.00	4.03	12.84	1.92	.02
12	15.13	3.50	2.14	3.01	2.01	13.96	2.25	.02
13	17.13	4.85	2.27	3.71	2.67	6.66	1.07	.01
14	16.20	5.30	1.97	3.19	4.11	9.35	1.39	.02
15	17.63	5.55	2.08	3.72	3.54	7.12	1.10	.02
16	17.59	6.99	2.05	3.90	3.19	6.63	1.07	.01
17	17.20	6.11	2.39	4.13	1.86	4.29	.69	.09
18	17.72	5.54	2.47	3.87	1.67	5.66	.86	.01
19	15.83	5.13	2.51	3.41	2.00	7.44	1.23	.02
20	16.59	6.19	2.15	3.77	1.60	8.32	1.41	.02
21	13.49	8.57	2.10	3.18	2.02	4.29	.59	.08
22	14.75	9.04	2.14	3.55	2.72	4.80	.78	.09
23	12.93	13.11	1.63	2.77	3.84	8.81	1.37	.01
24	11.91	13.65	1.69	2.64	3.04	8.93	1.37	.01
25	16.14	3.84	2.58	3.23	1.43	6.02	.92	.12
26	16.91	3.48	2.81	3.56	1.41	5.73	.97	.02
27	15.68	3.91	2.81	3.50	1.79	6.29	1.04	.13
28	16.05	4.47	2.89	3.79	1.62	6.09	1.11	.02
29	15.34	4.34	2.89	3.51	1.85	5.15	.85	.01
30	16.33	3.93	2.62	3.49	1.58	5.36	.80	.01



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 2

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P2O5	BE	CD	CO	CR	CU	NI	P3
1	.24	1.49	7.5	11.	49.4	46.7	45. <	5.
2	.25	2.50	5.5	7.	11.0	13.0	17.	15.
3	.21	1.12	5.5	10.	48.0	22.4	28. <	5.
4	.23	1.29	5.2	7.	64.1	44.9	37.	10.
5	.31	1.75	14.2	26.	139.3	31.7	57.	10.
6	.28	1.43	9.5	15.	45.1	25.0	34.	10.
7	.31	1.74	15.5	25.	151.5	26.7	51.	10.
8	.31	1.43	12.1	18.	125.4	23.5	45. <	5.
9	.30	1.37	10.2	17.	78.0	29.2	43.	10.
10	.33	1.60	12.1	25.	133.4	25.4	54. <	5.
11	.37	2.05	15.8	25.	207.2	28.3	62. <	5.
12	.27	1.97	15.3	16.	103.1	25.6	39. <	5.
13	.34	1.41	9.9	19.	57.8	25.9	38.	15.
14	.35	1.55	12.4	24.	84.9	28.9	49.	10.
15	.38	1.41	9.5	19.	72.4	24.2	43.	15.
16	.46	1.28	10.1	17.	73.3	23.6	41.	10.
17	.34	1.22	7.5	14.	47.0	19.4	35.	5.
18	.37	1.52	8.6	15.	38.4	22.6	31.	15.
19	.37	1.68	10.6	16.	43.6	28.9	39.	10.
20	.44	1.67	11.7	17.	39.6	25.3	33. <	5.
21	.31	.90	8.4	15.	27.3	30.1	34. <	5.
22	.35	.94	9.1	18.	49.9	28.1	50. <	5.
23	.40	.93	13.4	20.	94.5	39.9	64. <	5.
24	.39	.85	13.2	19.	72.9	32.4	51. <	5.
25	.23	1.64	8.4	12.	14.0	26.2	25. <	5.
26	.25	1.84	8.3	15.	46.4	27.2	29.	15.
27	.32	1.75	9.2	16.	74.0	30.1	35. <	5.
28	.51	1.64	9.5	17.	31.8	31.0	37. <	5.
29	.33	1.64	8.7	14.	35.6	29.2	36. <	5.
30	.33	1.56	8.3	17.	39.7	34.5	38. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF: THE WINNEMUCCA DISTRICT, NEVADA DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 3

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
1	84.7	11.8	118.3	87.	94.7 <	.005	10. <	.001
2	395.6	17.3	61.7	84.	137.3 <	.005	50. <	.001
3	185.2	16.7	79.8	73.	60.1	.005	14. <	.001
4	114.6	13.6	76.6	85.	66.1 <	.005	20. <	.001
5	551.1	12.0	304.9	148.	147.3 <	.005	2. <	.001
6	588.6	8.3	118.0	108.	137.2 <	.005	4. <	.001
7	528.4	9.8	365.1	172.	126.5 <	.005	4. <	.001
8	644.3	6.6	206.5	118.	121.1 <	.005	12. <	.001
9	573.8	9.5	130.4	112.	134.8 <	.005	6. <	.001
10	647.1	10.0	236.1	132.	131.6 <	.005	4. <	.001
11	560.3	10.4	391.3	172.	115.4 <	.005 <	2. <	.001
12	457.1	15.9	367.6	182.	119.9 <	.005	4. <	.001
13	615.5	8.8	151.7	121.	117.7 <	.005	2. <	.001
14	586.3	13.5	214.9	149.	131.3 <	.005	4. <	.001
15	709.1	9.6	154.2	119.	117.3 <	.005 <	2. <	.001
16	818.1	5.9	153.8	119.	115.7 <	.005	4. <	.001
17	728.1	6.2	93.2	89.	108.9 <	.005	6. <	.001
18	729.5	8.0	117.5	118.	124.3 <	.005	10. <	.001
19	592.5	9.8	181.6	121.	131.6 <	.005	10. <	.001
20	740.9	9.8	213.8	126.	132.8 <	.005	4. <	.001
21	603.2	3.0	89.4	81.	92.1	.005	32. <	.001
22	570.7	5.1	118.5	85.	97.7 <	.005	24. <	.001
23	648.8 <	1.0	224.3	108.	99.8 <	.005	18. <	.001
24	721.1	2.5	222.4	110.	92.6 <	.005	26. <	.001
25	413.1	14.0	119.8	103.	155.0 <	.005 <	2. <	.001
26	398.3	15.0	107.6	116.	173.7	.005 <	2. <	.001
27	479.2	17.5	118.9	113.	180.1 <	.005	4. <	.001
28	523.6	12.9	123.1	115.	182.0 <	.005 <	2. <	.001
29	473.4	10.6	90.3	106.	172.1	.005 <	2. <	.001
30	515.7	10.3	92.0	104.	161.7 <	.005 <	2. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 4

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
1	1540.	540.	14.	24.	3. <	1. <	.2	.6
2	1190.	640.	22.	21.	2. <	1. <	.2	.8
3	2370.	480.	22.	16.	1. <	1. <	.2	.3
4	1850.	600.	16.	24.	3. <	1. <	.2	4.8
5	1160.	410.	12.	20. <	1. <	1. <	.2	.6
6	1210.	400.	12.	22.	1. <	1. <	.2	.6
7	1070.	420.	10.	17.	1. <	1. <	.2	.8
8	1270.	380.	10.	17.	1. <	1. <	.2	.6
9	1320.	420.	12.	19.	1. <	1. <	.2	2.4
10	1260.	400.	12.	16.	2. <	1. <	.2	.6
11	1110.	440.	12.	17.	3. <	1. <	.2	.8
12	960.	390.	12.	17.	2. <	1. <	.2	.4
13	1210.	430.	12.	20.	3. <	1. <	.2	.2
14	1120.	500.	10.	21.	1. <	1. <	.2 <	.2
15	1250.	350.	10.	16.	1. <	1. <	.2	.4
16	1270.	450.	10.	15.	1. <	1. <	.2	.7
17	1280.	430.	10.	16.	2. <	1. <	.2	.5
18	1250.	240.	12.	14.	3. <	1. <	.2	.6
19	1340.	550.	10.	21.	2. <	1. <	.2	.4
20	1570.	440.	10.	11.	2. <	1. <	.2	.6
21	1370.	500.	12.	21.	1. <	1. <	.2	.7
22	1470.	480.	12.	21.	2. <	1. <	.2	.5
23	1790.	660.	12.	29. <	1. <	1. <	.2	1.2
24	1550.	570.	10.	22. <	1. <	1. <	.2	1.0
25	1040.	460.	12.	22.	1. <	1. <	.2	.6
26	1050.	370.	14.	22.	1. <	1.	.2	.8
27	1150.	440.	12.	23.	1. <	1.	1.8	.5
28	1340.	580.	12.	20.	2. <	1. <	.2	.5
29	1210.	560.	12.	27.	2. <	1. <	.2	1.2
30	1240.	450.	12.	23.	1. <	1. <	.2	.6

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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 5

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# W

1	<	2.
2		12.
3		12.
4		14.
5	<	2.
6	<	2.
7	<	2.
8	<	2.
9		4.
10	<	2.
11		6.
12	<	2.
13		8.
14	<	2.
15		14.
16		2.
17	<	2.
18		10.
19		26.
20		16.
21		6.
22		8.
23		8.
24		12.
25		8.
26		6.
27		4.
28		6.
29		10.
30		6.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 5

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
31	15.38	5.98	2.72	3.65	1.71	5.11	.97	.09
32	15.66	3.61	2.59	3.42	1.73	5.77	.93	.02
33	15.84	4.08	2.41	3.69	2.32	11.15	2.04	.02
34	16.13	4.25	2.72	3.44	1.83	5.72	1.21	.01
35	14.00	2.98	2.35	2.53	1.88	5.86	.83	.01
36	16.48	4.54	2.83	3.57	1.74	5.27	.82	.11
37	14.79	5.05	2.31	3.01	2.84	8.97	1.21	.02
38	14.98	2.96	3.38	2.75	1.40	4.53	.66	.12
39	12.68	2.31	2.91	2.59	1.39	10.99	2.31	.02
40	15.45	3.35	2.50	3.15	1.59	9.02	2.04	.02
41	15.49	2.63	2.98	2.69	.94	6.86	1.34	.02
42	14.92	3.74	2.09	3.45	1.62	6.97	1.16	.12
43	16.78	3.69	2.43	4.46	1.49	6.32	.85	.11
44	15.65	4.64	2.14	3.46	2.23	5.84	.92	.11
45	17.31	3.63	2.41	3.56	1.49	4.83	.75	.01
46	17.53	5.19	2.44	4.64	1.53	5.13	.86	.01
47	16.10	3.13	2.41	3.05	1.53	8.82	1.83	.02
48	16.48	2.78	3.05	3.07	.79	4.35	.78	.11
49	16.78	3.07	2.81	3.48	.94	4.66	.80	.09
50	13.52	1.54	4.52	2.41	.93	3.94	.58	.07
51	14.97	1.89	4.22	3.77	.51	3.55	.42	.09
52	15.29	2.03	4.03	3.06	.91	3.93	.49	.13
53	14.46	2.82	2.98	2.83	1.11	4.04	.58	.01
54	14.96	2.07	3.31	3.34	.90	4.98	.73	.03
55	13.74	2.61	2.94	2.88	.99	3.62	.63	.10
56	14.58	2.02	4.07	2.78	1.02	4.48	.61	.01
57	14.57	1.34	3.39	2.95	1.21	5.55	.59	.02
58	14.22	.65	5.39	4.46	.21	4.09	.36	.03
59	14.41	1.75	4.42	3.69	.93	4.58	.46	.02
60	15.27	2.79	2.83	3.53	1.40	7.22	1.33	.02



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DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 7

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CJ	NI	P8
31	.31	1.52	9.1	14.	53.7	25.0	35. <	5.
32	.25	1.65	8.7	15.	33.8	28.7	34. <	5.
33	.32	1.35	14.3	21.	83.3	32.7	45. <	5.
34	.24	2.20	8.9	12.	39.5	22.6	32.	10.
35	.31	1.93	8.0	17.	40.8	37.8	41. <	5.
36	.27	1.77	8.3	11.	35.7	24.9	28.	10.
37	.37	1.64	11.9	22.	145.4	28.6	64. <	5.
38	.23	3.30	7.0	16.	38.6	28.1	38.	10.
39	.20	3.22	13.9	21.	45.7	24.8	32.	25.
40	.24	2.02	12.7	13.	26.3	26.3	28. <	5.
41	.20	3.12	9.3	14.	9.2	25.0	26.	20.
42	.33	1.37	9.8	13.	88.2	31.4	39.	40.
43	.29	1.66	8.2	12.	34.1	19.5	26.	10.
44	.36	1.41	8.6	17.	82.6	34.9	49. <	5.
45	.25	1.69	7.4	15.	53.8	31.2	42.	10.
46	.41	1.28	8.0	20.	70.8	36.8	51.	30.
47	.25	2.20	10.4	15.	79.3	32.7	33. <	5.
48	.19	2.87	6.4	12.	17.4	22.9	24.	15.
49	.23	2.71	6.5	15.	41.6	23.9	29.	10.
50	.13	2.80	4.9	10.	11.1	14.5	13.	20.
51	.18	2.68	4.9	12.	8.7	22.5	27.	20.
52	.18	2.72	5.9	16.	17.0	19.1	23.	15.
53	.22	2.12	6.4	9.	9.9	20.0	20.	15.
54	.26	1.73	6.3	15.	13.4	23.5	23.	15.
55	.19	1.95	6.1	11.	9.6	16.9	19.	15.
56	.18	2.37	6.3	11.	7.5	16.1	34.	15.
57	.21	2.34	7.4	7.	3.6	17.4	19.	20.
58	.14	1.72	5.5	9.	.9	11.9	13.	15.
59	.20	1.88	7.4	12.	4.3	16.0	22. <	5.
50	.24	1.67	9.2	17.	30.3	25.0	31. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 8

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
31	484.0	9.8	110.8	93.	161.8 <	.005	4. <	.001
32	444.7	11.7	111.1	107.	149.0 <	.005	2. <	.001
33	439.3	12.5	264.2	170.	157.7 <	.005 <	2. <	.001
34	420.9	17.3	113.5	118.	204.7 <	.005 <	2. <	.001
35	348.1	13.7	90.7	113.	166.4 <	.005 <	2. <	.001
36	480.9	11.2	99.2	96.	152.5 <	.005 <	2. <	.001
37	649.8	13.5	239.4	136.	104.5 <	.005 <	2. <	.001
38	326.6	27.5	73.0	132.	255.6 <	.005 <	2. <	.001
39	213.5	158.3	236.5	235.	243.0 <	.005 <	2. <	.001
40	353.5	16.6	168.9	156.	208.8 <	.005 <	2. <	.001
41	270.4	33.3	115.6	161.	282.1 <	.005 <	2. <	.001
42	547.3	10.1	154.1	151.	98.7	.030	42.	.006
43	440.5	14.7	134.5	100.	93.8 <	.005 <	2. <	.001
44	715.3	7.1	129.2	103.	121.4 <	.005 <	2. <	.001
45	519.0	14.2	87.5	103.	153.3 <	.005 <	2. <	.001
46	876.3	6.9	106.0	94.	139.4 <	.005 <	2. <	.001
47	388.3	21.0	191.5	151.	208.0 <	.005 <	2. <	.001
48	309.2	22.3	82.5	118.	252.7 <	.005 <	2. <	.001
49	412.1	20.9	90.8	119.	248.2 <	.005 <	2. <	.001
50	143.9	24.6	54.2	139.	300.4 <	.005 <	2. <	.001
51	313.0	23.0	51.7	98.	265.0 <	.005 <	2. <	.001
52	306.9	24.8	53.0	123.	298.2 <	.005 <	2. <	.001
53	299.7	15.6	54.2	107.	240.4 <	.005	14. <	.001
54	205.1	17.2	72.0	111.	190.9 <	.005 <	2. <	.001
55	307.9	17.0	50.9	110.	218.5 <	.005	24. <	.001
56	177.5	19.4	50.0	127.	229.4 <	.005	10. <	.001
57	168.3	21.4	53.7	150.	224.1 <	.005	10. <	.001
58	40.5	17.8	27.5	101.	219.7 <	.005	10. <	.001
59	109.2	21.4	47.3	116.	221.9 <	.005	10. <	.001
60	300.2	18.8	128.2	154.	170.5 <	.005	10. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF: THE WINNEMUCCA DISTRICT, NEVADA DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
31	1160.	570.	8.	23.	3. <	1. <	.2	1.0
32	1130.	460.	8.	24.	1. <	1. <	.2	.4
33	1190.	440.	12.	17.	1. <	1. <	.2	.4
34	1030.	570.	8.	19.	2. <	1. <	.2	.9
35	1000.	470.	12.	28. <	1. <	1. <	.2	.6
36	950.	480.	10.	17.	1. <	1. <	.2	1.1
37	1350.	390.	6.	15. <	1. <	1. <	.2	.8
38	770.	590.	8.	15.	1. <	1. <	.2	1.1
39	660.	620.	6.	13.	2. <	1. <	.2	1.3
40	880.	470.	8.	19.	1. <	1. <	.2	.8
41	710.	500.	10.	15. <	1. <	1. <	.2	1.0
42	1140.	480.	14.	17. <	1. <	1. <	.2	.4
43	1130.	440.	10.	18. <	1. <	1. <	.2	1.0
44	1350.	450.	12.	16. <	1. <	1. <	.2	.9
45	2420.	410.	10.	26. <	1. <	1. <	.2	.8
46	1500.	440.	12.	10. <	1. <	1. <	.2	.5
47	890.	460.	12.	22. <	1. <	1.	.6	1.3
48	800.	600.	10.	18. <	1. <	1. <	.2	1.2
49	900.	580.	10.	18. <	1. <	1. <	.2	1.8
50	470.	680.	12.	16. <	1. <	1. <	.2	.7
51	810.	660.	10.	19.	2. <	1. <	.2	.5
52	750.	680.	10.	19.	3. <	1. <	.2	.6
53	720.	670.	12.	23. <	1. <	1. <	.2	.9
54	1240.	370.	16.	21.	1. <	1. <	.2	1.1
55	770.	660.	12.	20.	1. <	1. <	.2	1.2
56	900.	580.	12.	15.	1. <	1. <	.2	.8
57	650.	700.	14.	20.	1. <	1. <	.2	1.5
58	760.	180.	12.	19.	1. <	1.	1.2	.6
59	730.	410.	10.	15.	3. <	1. <	.2	1.2
60	810.	360.	14.	21. <	1. <	1. <	.2	.7



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 10

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# W

31 8.
32 12.
33 4.
34 2.
35 8.

36 2.
37 < 2.
38 8.
39 16.
40 < 2.

41 12.
42 4.
43 < 2.
44 < 2.
45 2.

46 4.
47 6.
48 10.
49 8.
50 12.

51 6.
52 8.
53 4.
54 4.
55 8.

56 10.
57 16.
58 14.
59 14.
60 26.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 11

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
61	14.90	2.85	2.80	3.47	1.31	6.45	1.19	.02
62	14.45	2.65	2.71	2.35	2.44	4.83	.67	.02
53	13.71	2.73	3.30	2.80	1.67	4.23	.68	.01
64	14.62	2.52	3.05	2.64	1.15	5.14	.84	.13
55	15.36	3.44	2.49	3.55	1.82	8.65	1.91	.02
66	15.72	3.04	2.51	3.22	1.43	6.30	1.15	.02
67	15.72	7.61	2.44	3.48	2.45	4.03	.57	.09
68	16.32	6.83	2.11	3.35	3.19	6.17	.92	.13
69	14.63	9.34	2.09	3.79	2.26	4.32	.83	.09
70	14.74	7.78	2.33	2.81	3.44	6.73	.83	.01
71	14.46	7.81	1.95	3.00	3.43	9.29	.98	.01
72	14.34	9.39	1.93	3.06	4.15	7.80	1.05	.02
73	13.72	9.14	1.85	3.02	3.42	5.99	.88	.13
74	13.34	6.96	1.95	2.55	4.25	8.87	1.06	.02
75	14.87	5.84	2.57	2.56	4.25	8.34	1.06	.02
76	15.39	4.22	2.85	2.22	4.08	8.85	1.07	.02
77	15.42	4.86	2.56	2.71	3.63	8.97	.98	.02
78	14.62	6.24	2.21	2.90	4.27	8.28	1.01	.02
79	15.02	6.85	2.17	2.78	4.52	9.47	1.17	.02
80	14.73	5.95	2.15	3.18	2.83	8.45	1.22	.01
81	14.47	4.88	2.23	3.19	2.99	7.13	.92	.01
82	11.82	4.40	1.60	3.37	1.12	11.28	1.06	.08
83	15.97	5.58	2.05	3.48	2.67	7.43	1.06	.02
84	14.58	7.18	1.70	3.29	3.59	9.19	1.43	.02
85	15.88	6.71	1.93	3.38	2.85	6.76	.99	.01
86	15.59	4.73	2.42	3.15	2.76	7.35	.93	.01
87	15.29	5.84	1.95	3.26	2.79	9.42	1.13	.01
88	14.99	5.93	2.11	3.12	3.24	7.56	1.00	.01
89	15.44	6.18	1.93	3.19	3.31	8.58	1.11	.02
90	15.65	5.89	2.02	3.33	3.23	7.38	.93	.01



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 12

GEOCHEMICAL DATA LISTING

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PB
61	.24	1.69	8.8	17.	37.2	26.1	31. <	5.
62	.25	4.02	7.4	14.	8.3	24.3	29.	20.
63	.38	1.99	7.1	13.	19.6	23.7	22.	25.
64	.24	2.35	8.0	19.	35.8	26.5	33.	25.
65	.28	1.53	12.5	21.	29.3	24.4	31.	15.
66	.31	1.64	9.0	21.	26.5	31.0	55.	15.
67	.34	1.23	8.6	19.	10.9	19.5	31.	10.
68	.39	1.33	10.2	22.	49.6	29.4	43. <	5.
59	.43	1.13	9.9	18.	13.5	15.8	32. <	5.
70	.43	1.25	11.2	19.	9.7	40.6	39.	10.
71	.54	1.38	12.7	20.	17.2	31.2	32. <	5.
72	.77	1.24	12.5	27.	11.4	31.2	37. <	5.
73	.55	.95	10.3	9.	8.5	24.2	29. <	5.
74	.66	1.15	12.2	12. <	.8	32.5	30. <	5.
75	.60	1.35	11.7	12. <	.8	49.0	37. <	5.
76	.47	1.48	11.4	14. <	.8	58.3	34. <	5.
77	.43	1.41	11.5	9.	7.7	36.2	33. <	5.
78	.59	1.19	11.8	12. <	.8	35.5	39. <	5.
79	.75	1.25	12.4	11. <	.8	37.5	31. <	5.
80	.68	1.51	11.2	9.	2.2	25.9	30. <	5.
81	.59	1.43	10.2	5. <	.8	26.7	27. <	5.
82	.50	1.24	11.9 <	5.	1.0	21.9	19.	15.
83	.40	1.45	10.3	19.	44.0	26.3	44.	10.
84	.44	1.43	13.0	20.	23.4	24.0	34. <	5.
85	.38	1.25	10.0	17.	9.6	22.0	31. <	5.
86	.43	1.47	10.5	15.	13.9	28.1	33. <	5.
87	.43	1.47	11.3	9.	25.1	26.3	30. <	5.
88	.50	1.36	10.8	13.	7.4	29.1	34. <	5.
89	.45	1.42	11.6	11.	12.4	24.9	33. <	5.
90	.47	1.35	10.4	12.	14.6	24.2	30. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 13

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
61	306.6	17.6	117.8	137.	174.2 <	.005	12. <	.001
62	209.9	31.3	53.9	189.	460.3 <	.005	12. <	.001
63	268.9	19.6	54.7	162.	253.2 <	.005	14. <	.001
64	307.7	23.8	86.7	141.	253.2 <	.005	6. <	.001
65	398.0	17.2	164.4	154.	156.7 <	.005	6. <	.001
66	334.8	17.5	103.4	157.	162.3 <	.005	10. <	.001
67	574.6	13.7	72.3	110.	98.0 <	.005	14. <	.001
68	546.8	17.4	120.5	123.	118.1 <	.005	14. <	.001
69	649.6	12.4	96.2	103.	98.7 <	.005	14. <	.001
70	501.8	20.4	129.1	127.	83.8 <	.005	48. <	.001
71	498.0	75.0	189.7	140.	100.4 <	.005	28. <	.001
72	474.0	24.9	157.3	139.	76.7 <	.005	28. <	.001
73	564.3	10.3	111.1	106.	75.0 <	.005	24. <	.001
74	355.9	24.0	160.9	123.	68.5 <	.005	24. <	.001
75	348.1	12.3	151.2	134.	89.8 <	.005	20. <	.001
76	230.9	17.4	154.1	151.	84.1 <	.005	14. <	.001
77	324.9	21.3	161.0	128.	92.8 <	.005	18. <	.001
78	354.8	10.7	156.7	546.	62.3 <	.005	18. <	.001
79	337.2	17.3	183.5	151.	75.7 <	.005	18. <	.001
80	426.8	44.1	140.7	137.	76.7 <	.005	14. <	.001
81	407.2	40.2	114.6	136.	62.1 <	.005	8. <	.001
82	442.0	24.3	193.7	79.	34.3 <	.005	6. <	.001
83	435.3	15.8	152.9	111.	103.7 <	.005	6. <	.001
84	445.8	24.4	234.0	130.	111.2 <	.005	6. <	.001
85	499.8	13.9	152.0	120.	97.3 <	.005	12. <	.001
86	414.7	24.7	139.4	143.	103.6 <	.005	14. <	.001
87	455.4	70.1	206.2	114.	100.1 <	.005	6. <	.001
88	415.3	18.3	142.9	128.	99.5 <	.005	14. <	.001
89	416.1	30.5	180.4	123.	98.4 <	.005	10. <	.001
90	436.7	49.7	137.9	114.	92.7 <	.005	4. <	.001



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DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 14

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
61	860.	370.	15.	23.	1. <	1. <	.2	.8
52	470.	1490.	10.	37.	3. <	1. <	.2	1.3
53	750.	560.	12.	27. <	1. <	1. <	.2	.5
64	700.	490.	8.	18.	1. <	1. <	.2	1.5
55	1000.	265.	10.	18. <	1. <	1. <	.2	2.4
56	1440.	340.	12.	22. <	1. <	1. <	.2	.9
57	1070.	470.	8.	31. <	1. <	1. <	.2	.8
58	960.	500.	10.	25.	1. <	1. <	.2	.5
59	970.	520.	10.	20.	2. <	1. <	.2	.7
70	930.	620.	10.	38. <	1. <	1. <	.2	2.6
71	890.	660.	10.	27.	2. <	1. <	.2	4.2
72	770.	800.	10.	23.	1. <	1. <	.2	1.5
73	890.	670.	8.	30.	1. <	1.	.4	2.8
74	730.	820.	10.	27.	4. <	1. <	.2	3.2
75	710.	940.	8.	41. <	1. <	1.	.4	3.0
76	870.	860.	12.	40.	1. <	1.	.2	2.2
77	870.	640.	8.	33. <	1. <	1.	.6	3.2
78	790.	740.	8.	23. <	1. <	1. <	.2	2.6
79	740.	920.	12.	23. <	1. <	1.	.4	3.6
80	890.	940.	8.	43. <	1. <	1.	.2	2.4
81	900.	940.	8.	44.	1. <	1.	.4	1.1
82	800.	800.	10.	25.	2. <	1.	.6	1.2
83	950.	420.	10.	22.	2. <	1.	.2	4.8
84	810.	520.	8.	21.	1. <	1.	.2	.7
85	930.	520.	8.	27.	1. <	1.	.2	.3
86	930.	390.	10.	33. <	1. <	1.	.8	.5
87	930.	540.	8.	26. <	1. <	1.	.6	2.4
88	970.	680.	10.	31. <	1. <	1.	.6	1.3
89	840.	640.	8.	26. <	1. <	1.	.2	1.7
90	860.	580.	8.	26.	1. <	1.	.4	1.2



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE MINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# W

61 10.
62 8.
63 16.
64 26.
65 18.

66 14.
67 12.
68 26.
69 12.
70 12.

71 16.
72 10.
73 < 2.
74 < 2.
75 12.

76 2.
77 < 2.
78 < 2.
79 < 2.
80 8.

81 < 2.
82 4.
83 6.
84 6.
85 6.

86 2.
87 4.
88 4.
89 12.
90 12.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
91	16.27	5.54	2.05	3.27	3.19	8.05	1.22	.02
92	15.44	5.08	2.17	3.35	2.81	6.75	.96	.01
93	14.36	6.57	1.78	3.24	3.90	8.75	1.00	.02
94	15.64	7.79	1.85	3.51	3.55	6.92	.93	.02
95	15.30	5.35	2.37	2.96	3.90	7.50	1.03	.02
96	15.80	4.83	2.33	3.29	2.81	5.92	.79	.01
97	15.44	7.25	1.26	3.52	3.42	10.38	1.36	.02
98	16.12	6.18	1.32	3.66	3.16	9.67	1.40	.02
99	17.37	6.75	1.31	4.05	3.17	7.51	1.08	.02
100	16.65	5.35	2.29	3.66	2.85	5.23	.99	.01
101	16.79	5.61	1.98	3.49	2.68	6.79	1.11	.01
102	17.55	5.29	2.80	3.93	1.72	4.49	.69	.09
103	17.27	5.99	2.27	3.51	1.60	4.64	.87	.11
104	14.01	1.92	3.71	1.98	.78	3.24	.43	.06
105	17.98	6.34	2.15	3.83	2.57	5.83	.97	.01
106	15.25	2.65	3.85	2.82	.54	3.34	.56	.10
107	13.38	3.37	2.79	2.52	.87	5.25	.64	.02
108	14.96	7.78	2.05	2.36	2.75	6.53	.93	.02
109	14.49	3.44	3.23	2.39	.85	4.04	.60	.02
110	14.25	2.70	3.42	1.83	.87	4.00	.55	.01
111	12.43	5.38	2.71	3.88	.88	4.29	.81	.01
112	15.31	3.94	3.42	2.81	.90	3.53	.64	.12
113	17.41	5.29	2.21	3.90	2.78	7.29	1.30	.11
114	15.29	4.23	2.34	3.05	2.67	6.36	1.06	.01
115	16.84	6.66	2.55	3.29	3.46	7.19	1.17	.11
116	10.99	4.05	1.78	2.95	2.19	6.70	1.07	.11
117	17.41	5.42	2.50	3.25	2.42	9.69	1.62	.01
118	18.33	5.31	2.69	3.24	2.60	6.01	.96	.11
119	17.71	5.04	2.98	4.44	1.72	4.00	.61	.07
120	15.98	5.47	2.67	2.64	3.09	9.57	1.42	.02



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	P3
91	.45	1.37	10.1	14.	14.3	26.7	27. <	5.
92	.40	1.28	9.3	12.	9.3	24.6	25. <	5.
93	.51	1.25	10.8	14. <	.8	19.4	24. <	5.
94	.49	1.20	9.1	14. <	.8	19.5	25.	10.
95	.52	1.39	10.2	18. <	.8	33.5	26. <	5.
96	.35	1.45	7.7	11.	1.5	26.6	23.	15.
97	.39	1.43	12.2	11.	13.9	19.4	26. <	5.
98	.32	1.32	11.4	12.	13.4	25.9	25. <	5.
99	.32	1.14	9.5	13.	11.4	25.0	27. <	5.
100	.40	1.34	10.4	22.	81.2	28.5	53. <	5.
101	.46	1.34	11.2	25.	125.8	31.4	61. <	5.
102	.39	1.34	8.1	20.	47.4	27.6	44. <	5.
103	.40	1.27	9.4	20.	42.9	22.8	41.	10.
104	.17	2.76	5.8	15.	5.5	12.6	21.	15.
105	.42	1.32	10.9	26.	99.1	24.4	54.	10.
106	.21	2.44	6.4	19.	8.3	15.9	19.	15.
107	.30	2.04	7.8	24.	18.4	22.8	30.	20.
108	.43	1.33	10.9	31.	12.9	25.4	39. <	5.
109	.19	2.64	2.4	22.	14.0	21.6	16.	20.
110	.17	2.82	2.4	24.	11.4	23.2	18.	10.
111	.28	1.79	3.2	27.	36.4	25.7	26.	20.
112	.22	2.21	2.9	26.	16.2	21.3	19.	20.
113	.25	1.93	3.9	29.	146.4	29.2	44. <	5.
114	.25	1.93	3.5	26.	106.8	37.5	44. <	5.
115	.29	1.52	4.3	28.	163.7	28.7	49. <	5.
116	.28	1.83	3.6	30.	117.8	45.9	60. <	5.
117	.32	1.85	4.0	29.	161.0	38.4	50. <	5.
118	.29	1.68	3.6	28.	93.5	35.9	50. <	5.
119	.28	1.80	3.3	27.	83.6	29.4	43. <	5.
120	.35	1.99	4.2	33.	131.5	35.2	39. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
91	429.0	14.7	168.2	145.	101.6 <	.005	4. <	.001
92	387.8	25.5	133.1	102.	93.2 <	.005	4. <	.001
93	364.0	53.6	163.3	111.	74.1 <	.005	4. <	.001
94	439.3	29.4	127.6	111.	75.8 <	.005	4. <	.001
95	361.6	49.6	132.7	127.	85.1 <	.005	10. <	.001
96	358.9	19.4	107.5	114.	73.3 <	.005	6. <	.001
97	385.7	123.4	226.7	120.	79.4 <	.005	10. <	.001
98	458.1	19.8	214.7	118.	66.3 <	.005	10. <	.001
99	482.2	8.6	170.9	98.	60.0 <	.005	6. <	.001
100	713.9	12.9	132.9	122.	119.5 <	.005	4. <	.001
101	802.2	10.3	160.1	121.	114.7 <	.005	4. <	.001
102	791.1	11.7	90.4	94.	126.0 <	.005	6. <	.001
103	729.8	10.7	100.3	99.	135.6 <	.005	6. <	.001
104	187.4	34.7	46.3	115.	224.4 <	.005	12. <	.001
105	804.0	12.8	138.8	116.	109.7 <	.005	4. <	.001
106	296.1	30.1	55.5	100.	204.6 <	.005	10. <	.001
107	343.9	19.1	79.2	100.	141.8 <	.005	14. <	.001
108	624.3	8.7	123.5	93.	122.3 <	.005	12. <	.001
109	453.8	28.6	71.6	75.	140.0	.025	116. <	.001
110	300.4	29.2	66.3	80.	135.3	.005	100. <	.001
111	818.4	19.1	113.5	80.	139.7 <	.005	14. <	.001
112	573.0	29.8	73.1	64.	164.4 <	.005	106. <	.001
113	808.2	20.9	186.7	101.	134.1 <	.005	6. <	.001
114	784.2	17.6	145.7	87.	165.3 <	.005	6. <	.001
115	918.3	14.9	210.4	88.	113.6 <	.005	4. <	.001
116	608.8	15.8	157.9	99.	145.6 <	.005	10. <	.001
117	942.9	20.7	307.4	121.	120.5 <	.005	8. <	.001
118	920.3	20.3	144.8	99.	128.8 <	.005	12. <	.001
119	998.9	21.3	83.2	51.	115.8 <	.005	10. <	.001
120	835.6	24.1	270.4	116.	129.7 <	.005	6. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
91	940.	520.	10.	26.	1. <	1. <	.2	2.4
92	910.	680.	8.	25.	2. <	1. <	.2	.9
93	720.	650.	12.	18. <	1. <	1. <	.2	1.4
94	760.	540.	10.	18. <	1. <	1. <	.2	5.0
95	870.	900.	10.	36. <	1. <	1. <	.2	2.2
96	760.	540.	10.	31. <	1. <	1.	.2	1.6
97	620.	580.	10.	13.	2. <	1. <	.2	5.0
98	650.	420.	10.	17.	1. <	1.	.2	1.0
99	670.	340.	8.	15. <	1. <	1.	.2	.6
100	1360.	370.	10.	16.	3. <	1. <	.2	.6
101	1410.	420.	8.	14.	1. <	1. <	.2	.9
102	1650.	360.	8.	12.	2. <	1. <	.2	.6
103	1480.	390.	10.	12. <	1. <	1. <	.2	1.2
104	590.	345.	6.	11.	4. <	1. <	.2	2.4
105	1350.	440.	8.	15. <	1. <	1. <	.2	.6
106	900.	360.	6.	10.	4. <	1. <	.2	1.2
107	950.	470.	10.	16.	4. <	1. <	.2	1.6
108	1220.	570.	8.	16.	2. <	1. <	.2	1.2
109	1130.	430.	10.	24.	3.	4. <	.2	2.8
110	1050.	550.	12.	28.	2.	1. <	.2	1.0
111	1480.	370.	8.	10.	2. <	1. <	.2	1.2
112	1430.	380.	8.	12.	3. <	1. <	.2	2.8
113	1190.	380.	12.	17.	2. <	1.	.6	.9
114	1360.	440.	12.	19.	1. <	1.	.6	.9
115	1810.	82.	10.	12.	1. <	1. <	.2	1.0
116	1240.	84.	8.	20.	2. <	1. <	.2	.8
117	1790.	350.	12.	13.	1. <	1. <	.2	1.1
118	1570.	360.	10.	18.	2. <	1. <	.2	.9
119	1760.	370.	8.	13.	3. <	1. <	.2	.4
120	1320.	410.	8.	13.	2. <	1. <	.2	.5



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# #

91 20.
92 6.
93 4.
94 12.
95 22.

96 20.
97 10.
98 2.
99 16.
100 8.

101 10.
102 16.
103 14.
104 8.
105 14.

106 10.
107 10.
108 8.
109 4.
110 10.

111 4.
112 4.
113 6.
114 6.
115 < 2.

116 8.
117 4.
118 4.
119 6.
120 8.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TI02	MNO
121	16.52	4.45	2.62	2.76	2.54	6.45	.95	.13
122	17.48	5.12	2.75	3.17	2.28	5.50	.84	.10
123	9.73	2.31	2.03	2.22	.94	2.35	.35	.06
124	16.31	5.05	2.10	3.60	3.08	10.10	1.36	.02
125	17.22	4.12	2.47	3.46	1.54	6.50	1.29	.01
126	14.83	5.98	1.79	3.62	4.64	7.02	.91	.02
127	14.72	4.39	2.89	3.96	2.24	6.05	.75	.01
128	16.76	4.62	3.08	4.31	1.69	4.40	.68	.09
129	17.89	5.60	2.45	4.01	2.69	6.00	.88	.12
130	16.29	7.81	2.54	3.81	2.09	4.81	.66	.10
131	16.03	5.07	2.17	3.24	2.75	10.11	1.93	.01
132	15.57	6.53	2.25	3.48	3.37	9.19	2.04	.01
133	16.88	3.92	2.45	3.02	1.82	5.22	.77	.11
134	15.58	3.36	2.93	3.48	1.65	5.45	1.09	.01
135	10.24	.34	4.00	3.45	.22	2.92	.19	.10
136	14.05	3.22	2.60	3.56	1.91	7.31	1.68	.02
137	15.00	3.55	2.91	3.50	1.57	4.94	.85	.12
138	15.15	3.42	3.39	3.13	1.57	4.74	.78	.10
139	16.87	5.05	2.54	3.04	1.82	4.55	.74	.08
140	14.45	2.62	2.39	2.54	1.42	5.35	.94	.12
141	16.55	6.02	2.27	3.58	2.51	5.69	.93	.11
142	13.55	2.73	2.60	3.23	1.41	7.46	1.71	.02
143	14.03	3.00	2.05	2.45	1.82	8.44	1.97	.02
144	12.99	3.21	2.20	2.24	1.42	7.29	1.31	.12
145	11.09	3.38	1.98	2.47	1.92	5.90	1.05	.01
146	14.50	3.14	2.64	3.41	1.42	4.79	.80	.02
147	14.23	2.77	2.70	3.44	1.42	6.65	1.37	.02
148	14.26	3.21	2.54	3.69	1.60	5.72	1.06	.01
149	14.79	3.34	2.48	3.42	1.82	8.65	2.02	.02
150	15.52	3.05	2.64	3.24	1.69	5.17	.88	.02



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PB
121	.28	1.86	3.4	31.	85.5	38.3	49. <	5.
122	.24	1.77	3.6	28.	59.0	32.4	39. <	5.
123	.15	1.15	1.8	23.	30.2	13.9	26. <	5.
124	.32	1.93	3.6	25.	140.3	29.7	52. <	5.
125	.21	2.02	3.7	25.	41.8	31.0	28.	5.
126	.30	1.51	3.9	33.	185.7	26.9	69. <	5.
127	.29	1.87	3.4	27.	81.1	23.1	41. <	5.
128	.28	1.79	3.4	24.	40.9	21.9	32.	15.
129	.27	1.75	3.9	26.	81.4	23.4	37.	10.
130	.26	1.58	3.8	21.	54.8	20.1	31.	10.
131	.31	2.11	4.4	32.	131.8	32.4	40.	10.
132	.34	1.91	4.7	31.	88.0	31.9	34. <	5.
133	.27	1.96	3.2	29.	37.1	34.9	54. <	5.
134	.16	2.52	3.1	22.	29.2	21.6	48.	15.
135	.09	2.92	1.3	30.	12.8	25.8	15. <	5.
136	.15	2.50	2.9	21.	31.6	22.8	26. <	5.
137	.16	2.70	2.8	22.	18.1	21.1	21. <	5.
138	.20	2.92	2.3	20.	22.9	24.3	18. <	5.
139	.24	1.87	3.0	25.	36.8	35.7	23. <	5.
140	.14	2.32	2.3	19.	30.2	30.2	27. <	5.
141	.30	1.69	3.4	19.	74.7	32.8	29. <	5.
142	.15	2.25	3.2	19.	31.6	25.9	42. <	5.
143	.21	3.10	3.5	20.	31.9	31.1	27.	15.
144	.24	2.71	3.4	15.	9.0	29.1	27.	15.
145	.27	1.94	3.0	15.	23.9	31.8	38.	10.
146	.18	2.19	2.5	17.	21.8	22.4	19.	15.
147	.17	2.82	2.9	14.	35.0	25.5	21.	20.
148	.15	2.22	2.6	15.	37.1	23.1	19.	15.
149	.15	2.21	3.3	22.	60.4	28.6	40. <	5.
150	.17	2.79	2.6	12.	36.0	27.9	20.	15.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 23

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AJ
121	756.7	22.0	142.3	89.	140.4 <	.005	10. <	.001
122	805.5	23.8	113.7	75.	137.3 <	.005	14. <	.001
123	455.8	21.5	49.4	35.	64.8 <	.005	4. <	.001
124	830.8	18.2	265.8	124.	114.9 <	.005	8. <	.001
125	638.2	24.0	144.0	94.	149.3 <	.005	10. <	.001
126	811.0	16.7	163.4	86.	92.6 <	.005	6. <	.001
127	779.4	22.5	139.6	87.	101.0 <	.005	4. <	.001
128	846.2	22.5	86.3	66.	135.9 <	.005	4. <	.001
129	943.7	20.5	132.7	88.	113.8 <	.005	10. <	.001
130	885.8	15.5	104.5	72.	110.2 <	.005	14. <	.001
131	736.6	22.4	307.6	124.	140.1 <	.005	6. <	.001
132	737.9	18.7	260.9	107.	156.6 <	.005	14. <	.001
133	649.8	27.3	92.5	80.	157.9 <	.005	10. <	.001
134	436.2	32.0	94.0	103.	223.8 <	.005	12. <	.001
135	42.1	39.6	18.1	76.	228.0 <	.005	6. <	.001
136	418.9	27.5	140.9	115.	198.3 <	.005	2. <	.001
137	413.4	28.0	77.0	97.	232.5 <	.005	4. <	.001
138	467.8	29.3	71.7	95.	259.9 <	.005	14. <	.001
139	806.8	21.8	89.3	67.	149.3 <	.005	6. <	.001
140	354.4	22.9	89.9	87.	215.3 <	.005	10. <	.001
141	769.5	15.1	129.7	85.	128.8 <	.005	4. <	.001
142	377.8	35.8	139.1	115.	186.1 <	.005	6. <	.001
143	275.8	30.7	227.4	140.	288.5 <	.005	2. <	.001
144	354.9	24.3	137.3	882.	261.4 <	.005	6. <	.001
145	338.6	15.9	88.7	86.	189.6 <	.005	14. <	.001
146	431.0	21.2	83.2	85.	203.6 <	.005	10. <	.001
147	363.4	29.1	125.4	116.	266.3 <	.005	4. <	.001
148	447.4	21.6	108.1	91.	195.6 <	.005	6. <	.001
149	453.8	25.1	195.7	124.	168.4 <	.005	2. <	.001
150	413.8	27.7	86.7	99.	264.7 <	.005	4. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 24

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
121	1380.	430.	8.	18. <	1. <	1. <	.2	1.0
122	1370.	380.	5.	20. <	1. <	1. <	.2	.5
123	1390.	290.	5.	11.	3. <	1.	.2	.4
124	1370.	10.	10.	13.	4. <	1. <	.2	.7
125	1170.	370.	10.	16.	2. <	1. <	.2	.6
126	1570.	400.	8.	12.	2. <	1. <	.2	.2
127	1520.	420.	8.	12.	2. <	1. <	.2	.4
128	1610.	390.	8.	14.	2. <	1. <	.2	.3
129	1400.	440.	8.	16.	1. <	1. <	.2	.3
130	1320.	540.	10.	17.	3. <	1. <	.2	.9
131	1270.	480.	5.	19. <	1. <	1. <	.2	.8
132	1160.	580.	5.	14.	1. <	1. <	.2	.5
133	1330.	490.	8.	22.	1. <	1. <	.2	1.1
134	820.	660.	6.	23.	1. <	1. <	.2	.6
135	340.	480.	5.	23.	4. <	1. <	.2	.8
136	660.	560. <	4.	24.	2. <	1. <	.2	.6
137	620.	440.	5.	25.	1. <	1.	.4	.8
138	900.	770.	5.	27.	2. <	1. <	.2	.5
139	1170.	420.	6.	15.	1. <	1. <	.2	.7
140	800.	480.	10.	25.	1. <	1. <	.2	.5
141	1060.	440.	6.	13. <	1. <	1. <	.2	.8
142	850.	500.	10.	21.	3. <	1. <	.2	1.0
143	680.	740.	20.	26.	1. <	1. <	.2	1.0
144	760.	1000.	12.	19.	2. <	1. <	.2	.7
145	1210.	1200.	12.	46.	1. <	1. <	.2	1.1
146	800.	620.	20.	25. <	1. <	1. <	.2	.4
147	660.	640.	22.	29.	2. <	1. <	.2	.8
148	730.	660.	14.	26.	1.	1. <	.2	.2
149	840.	540.	14.	22.	2. <	1. <	.2	.4
150	780.	800.	14.	29.	1. <	1. <	.2	.3



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THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# W

121 2.
122 8.
123 < 2.
124 4.
125 2.

126 < 2.
127 8.
128 2.
129 4.
130 < 2.

131 2.
132 2.
133 4.
134 4.
135 4.

136 4.
137 4.
138 2.
139 6.
140 10.

141 2.
142 14.
143 4.
144 2.
145 12.

146 8.
147 8.
148 12.
149 6.
150 6.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF: THE WINNEMUCCA DISTRICT, NEVADA DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 26

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE #	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
151	15.99	3.21	2.75	3.49	1.56	4.97	.83	.13
152	13.86	6.35	1.42	3.11	3.86	15.40	1.06	.02
153	13.69	5.49	1.71	3.60	2.65	7.85	.94	.01
154	12.09	4.85	2.34	2.51	3.25	6.85	.89	.01
155	12.93	5.77	2.31	2.73	3.41	8.13	1.13	.01
156	15.25	4.44	2.43	2.71	2.93	6.55	.90	.01
157	13.50	7.21	1.80	2.74	3.38	14.27	1.06	.01
158	14.55	5.75	2.11	3.02	3.74	7.72	1.09	.02
159	15.29	5.37	2.32	2.59	3.62	7.81	.93	.01
160	14.31	6.15	2.31	2.88	3.66	7.70	1.16	.01
161	14.41	5.28	2.50	2.79	3.83	9.47	1.19	.02
162	15.18	5.95	2.51	2.80	4.51	9.97	1.28	.02
163	12.63	5.61	2.21	2.73	3.69	8.34	1.02	.02
164	12.18	6.02	1.50	3.20	3.40	11.49	1.02	.01
165	16.40	7.18	1.09	3.89	3.68	7.25	.83	.12
166	13.76	5.58	2.15	3.36	3.20	6.16	.83	.01
167	13.43	4.73	2.06	3.44	1.91	4.50	.63	.09
168	14.64	5.33	2.23	3.31	3.44	7.54	.84	.02
169	15.78	6.47	1.70	3.54	3.56	6.81	.84	.01
170	14.17	5.37	2.06	3.05	3.28	8.01	.88	.01
171	13.67	7.85	1.38	3.14	3.92	11.17	1.23	.02
172	14.70	6.11	1.97	3.29	3.42	8.57	.95	.01
173	13.47	5.34	2.20	3.33	3.37	7.26	.89	.01
174	14.11	5.97	1.76	3.38	3.57	7.95	.93	.02
175	13.19	5.43	2.11	2.80	3.53	8.30	.93	.02
176	14.06	5.47	1.84	3.26	3.60	8.01	.91	.01
177	15.57	3.81	2.29	3.27	1.76	4.78	.62	.10
178	14.20	4.28	2.50	3.54	2.41	5.15	.91	.12
179	15.88	5.30	2.03	3.79	2.44	5.75	.98	.13
180	14.60	5.19	2.07	3.97	2.45	7.62	.94	.12



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 27

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	P8
151	.19	2.37	2.1	13.	36.9	25.0	17.	20.
152	.42	1.68	1.6 <	5.	4.6	26.9	14. <	5.
153	.30	1.58	2.9	12.	28.9	25.1	17. <	5.
154	.37	1.44	3.0	17.	9.5	52.1	23. <	5.
155	.46	1.39	3.1	18.	14.4	47.2	29. <	5.
156	.32	1.62	2.8	15.	15.0	48.0	28.	15.
157	.50	1.50	1.2 <	5.	12.5	34.6	41. <	5.
158	.47	1.56	3.2	15.	10.9	36.2	24. <	5.
159	.38	1.53	3.3	15.	6.5	46.1	24. <	5.
160	.52	1.55	3.5	13.	12.6	44.9	20. <	5.
161	.50	1.72	3.7	14.	20.6	53.3	23. <	5.
162	.56	1.75	3.6	15.	11.9	48.0	31. <	5.
163	.45	1.81	3.9	26.	23.6	54.1	34. <	5.
164	.28	1.62	3.6	19.	45.4	48.7	32. <	5.
165	.25	1.25	3.4	21.	25.8	46.6	27. <	5.
166	.43	1.60	3.2	17.	11.1	30.0	64.	10.
167	.26	1.51	2.6	15.	16.0	24.3	16. <	5.
168	.35	1.55	3.2	14.	25.4	40.8	21. <	5.
169	.48	1.49	3.6	16.	6.7	35.8	25. <	5.
170	.47	1.60	3.6	14.	17.3	41.0	22. <	5.
171	.70	1.64	3.8	15.	26.5	26.0	23. <	5.
172	.43	1.69	3.3	12.	18.2	39.3	22. <	5.
173	.38	1.61	2.7	13.	8.0	37.4	21. <	5.
174	.34	1.60	3.0	15.	11.5	32.6	21. <	5.
175	.47	1.54	2.8	18.	14.3	76.5	22. <	5.
176	.28	1.57	2.9	13.	9.1	35.8	28. <	5.
177	.21	1.55	2.2	10.	4.7	27.3	14.	10.
178	.37	1.93	3.1	15.	20.3	28.9	20. <	5.
179	.43	1.91	3.1	12.	13.2	22.0	19. <	5.
180	.42	1.95	3.0	7.	9.3	24.8	17. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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GEOCHEMICAL DATA LISTING

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
151	447.8	24.2	85.2	89.	226.8 <	.005	2. <	.001
152	439.4	33.7	262.4	82.	145.6 <	.005	8. <	.001
153	495.4	16.5	168.3	79.	97.5 <	.005	6. <	.001
154	354.6	28.5	129.8	97.	80.6 <	.005	10. <	.001
155	399.5	23.4	165.4	95.	87.3 <	.005	12. <	.001
156	431.5	29.6	127.9	96.	96.9 <	.005	6. <	.001
157	447.4	81.8	248.4	83.	113.9 <	.005	6. <	.001
158	404.5	48.5	153.5	92.	74.3 <	.005	8. <	.001
159	437.5	31.7	145.9	100.	74.9 <	.005	2. <	.001
160	408.8	20.9	167.1	99.	70.0 <	.005	20. <	.001
161	385.5	26.8	199.5	116.	86.8 <	.005	10. <	.001
162	360.1	44.5	199.5	104.	99.9 <	.005	12. <	.001
163	316.5	36.2	190.3	212.	96.7 <	.005	18. <	.001
164	429.8	28.5	260.7	85.	81.1 <	.005	6. <	.001
165	558.0	5.7	180.4	70.	67.3 <	.005	6. <	.001
166	423.2	45.0	122.5	85.	85.5 <	.005	18. <	.001
167	422.7	29.1	90.7	54.	64.7 <	.005	4. <	.001
168	446.7	30.6	148.7	91.	61.7 <	.005	6. <	.001
169	493.3	26.0	138.7	89.	50.9 <	.005	4. <	.001
170	414.6	31.4	159.5	95.	70.1 <	.005	4. <	.001
171	437.9	39.0	243.4	99.	96.6 <	.005	6. <	.001
172	459.1	35.8	184.3	92.	75.2 <	.005 <	2. <	.001
173	450.1	29.5	147.3	92.	83.3 <	.005	6. <	.001
174	450.5	22.6	165.4	88.	71.6 <	.005	10. <	.001
175	394.1	25.9	175.3	103.	78.1 <	.005	10. <	.001
176	437.6	15.4	164.3	96.	62.6 <	.005	4. <	.001
177	486.5	14.0	94.7	76.	100.9 <	.005	20. <	.001
178	481.5	20.1	104.9	97.	90.8 <	.005	4. <	.001
179	577.0	19.7	114.8	92.	67.7 <	.005	6. <	.001
180	588.0	15.1	140.6	96.	61.6 <	.005	4. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 29

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
151	810.	710.	12.	28.	1. <	1. <	.2	.3
152	620.	760.	14.	13.	2. <	1. <	.2	3.2
153	840.	590.	10.	18.	2. <	1. <	.2	1.3
154	960.	800.	12.	31.	1. <	1. <	.2	2.4
155	1000.	900.	12.	27.	1. <	1. <	.2	2.4
156	950.	850.	12.	33.	1. <	1. <	.2	1.2
157	720.	820.	12.	22.	2. <	1. <	.2	7.6
158	790.	920.	10.	23.	1. <	1. <	.2	2.2
159	770.	110.	8.	32.	1. <	1. <	.2	3.8
160	850.	35.	14.	24.	2. <	1. <	.2	2.4
161	880.	1000.	8.	31.	2. <	1. <	.2	2.2
162	830.	720.	6.	30.	2. <	1. <	.2	8.0
163	1020.	1000.	10.	27.	2. <	1. <	.2	1.7
164	870.	700.	10.	22.	1. <	1. <	.2	.2
165	700.	480.	8.	16.	1. <	1. <	.2	.3
166	930.	790.	12.	25.	1. <	1. <	.2	3.2
167	930.	560.	10.	15.	1. <	1. <	.2	1.2
168	1020.	610.	12.	27.	1. <	1. <	.2	2.8
169	800.	680.	8.	19.	2. <	1. <	.2	3.4
170	960.	790.	10.	26.	3. <	1. <	.2	3.2
171	800.	1000.	10.	14.	3. <	1. <	.2	4.0
172	960.	850.	10.	22.	1. <	1. <	.2	1.8
173	1060.	745.	14.	25.	2. <	1. <	.2	1.4
174	930.	700.	8.	19.	3. <	1. <	.2	1.4
175	1040.	710.	14.	30. <	1. <	1. <	.2	6.4
176	970.	640.	10.	21.	2. <	1. <	.2	2.4
177	1170.	490.	10.	27. <	1. <	1. <	.2	.7
178	1050.	900.	10.	36.	2. <	1. <	.2	.6
179	950.	700.	10.	24. <	1. <	1. <	.2	.3
180	1050.	900.	10.	25. <	1. <	1. <	.2	.8



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# #

151 2.
152 20.
153 6.
154 8.
155 8.

156 10.
157 4.
158 16.
159 10.
160 26.

161 28.
162 8.
163 2.
164 2.
165 4.

166 6.
167 4.
168 2.
169 4.
170 12.

171 12.
172 8.
173 4.
174 4.
175 4.

176 4.
177 6.
178 4.
179 12.
180 6.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 31

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
131	14.00	5.07	1.97	4.03	2.26	7.29	.86	.11
132	13.97	5.35	1.90	3.79	2.79	5.85	.87	.12
133	12.35	5.31	1.67	3.57	2.90	6.10	.70	.09
134	14.39	3.52	2.41	2.97	2.37	10.42	.93	.13
135	16.25	5.40	2.04	4.15	2.14	5.18	1.12	.11
136	16.79	4.18	2.21	3.97	1.86	4.04	.65	.10
137	12.26	4.70	2.12	4.29	1.80	4.20	.83	.11
138	14.21	3.28	2.27	4.27	.57	2.30	.37	.04
139	15.42	5.50	1.73	3.98	2.21	8.83	1.38	.12
190	15.60	6.79	1.64	3.39	3.69	7.84	.80	.12
191	14.99	7.49	1.83	2.79	5.09	8.38	.85	.12
192	14.05	3.17	2.28	3.98	.32	4.32	.49	.03
193	14.92	7.56	1.59	3.05	3.45	6.73	.65	.01
194	12.63	13.06	1.13	3.00	3.01	5.27	.71	.11
195	16.30	5.18	1.93	3.46	3.32	7.05	.61	.01
196	13.53	4.88	1.97	2.30	3.12	5.89	.58	.10
197	15.70	5.42	1.93	3.30	5.11	6.80	.75	.09
198	15.74	6.20	1.97	3.91	2.99	5.16	.71	.10
199	14.48	5.64	2.08	3.39	2.91	6.42	1.00	.01
200	16.02	5.97	1.14	3.57	2.94	15.78	1.75	.02
201	14.08	5.23	1.71	3.72	1.83	9.50	1.66	.11
202	16.10	4.46	2.27	4.01	2.00	5.74	.94	.10
203	17.89	5.79	1.51	3.81	3.01	6.88	.95	.13
204	14.88	5.92	1.54	3.83	2.42	7.20	1.77	.12
205	14.08	2.83	2.91	4.29	.37	2.25	.39	.04
206	15.57	3.06	2.99	4.53	.48	2.34	.30	.05
207	16.34	4.34	2.19	4.19	1.77	4.13	.86	.10
208	15.98	8.91	1.77	3.84	2.12	5.52	.10	.10
209	16.47	10.04	1.86	4.02	1.87	4.44	.69	.09
210	15.96	6.08	2.09	3.16	2.55	6.73	.90	.10



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PB
181	.44	1.87	2.8	6.	12.6	24.1	17. <	5.
182	.47	1.75	3.4	7.	3.7	23.6	18. <	5.
183	.26	1.39	2.8	9.	22.0	34.2	29. <	5.
184	.37	2.20	2.3 <	5.	30.5	38.3	24. <	5.
185	.48	2.00	3.1	6.	17.8	21.0	18. <	5.
186	.28	1.92	2.3	8.	13.5	23.2	16. <	5.
187	.41	1.90	2.4	10.	14.0	19.1	16. <	5.
188	.13	1.45	1.4	8.	7.0	15.5	12. <	5.
189	.34	2.05	2.9	10.	23.6	24.3	17. <	5.
190	.27	1.44	3.9	13.	15.7	40.2	22. <	5.
191	.25	1.34	4.0	15.	1.4	44.9	20. <	5.
192	.11	1.44	2.1 <	5.	11.9	20.2	13. <	5.
193	.26	1.20	3.7	12.	19.9	42.2	25. <	5.
194	.30	.74	4.6	7.	23.0	21.3	24. <	5.
195	.26	1.34	3.2	12.	16.6	54.2	25. <	5.
196	.23	1.35	3.6	12.	44.3	47.6	36. <	5.
197	.27	1.36	3.8	16. <	.8	41.4	20. <	5.
198	.40	1.58	3.7	8.	6.2	22.7	17. <	5.
199	.65	1.79	4.3	9.	3.9	44.1	19. <	5.
200	.21	1.99	1.5 <	5.	14.8	34.4	21. <	5.
201	.46	1.94	4.1	7.	22.1	24.3	17. <	5.
202	.32	1.81	3.2	9.	9.5	27.7	16. <	5.
203	.24	1.65	3.7	12.	13.1	33.7	23. <	5.
204	.42	1.77	4.5	13.	22.1	21.3	20. <	5.
205	.10	1.44	2.3	8. <	.8	15.9	13. <	5.
206	.13	1.53	2.3	9. <	.8	15.9	14. <	5.
207	.36	1.94	3.5	11.	11.2	22.0	18. <	5.
208	.34	1.24	4.6	12.	44.3	24.8	29.	10.
209	.32	1.06	4.3	12.	12.0	22.2	27. <	5.
210	.35	1.64	4.5	15.	14.7	34.9	34. <	5.



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**GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE INNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT**

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
181	569.3	14.9	128.1	91.	52.7 <	.005	4. <	.001
182	528.7	14.3	104.8	100.	51.2 <	.005	6. <	.001
183	417.4	7.4	139.0	66.	56.3 <	.005	38. <	.001
184	382.7	26.4	164.0	110.	114.3 <	.005	10. <	.001
185	548.2	32.5	107.5	81.	71.2 <	.005	24. <	.001
186	533.5	14.7	72.2	84.	63.8 <	.005	10. <	.001
187	504.6	16.5	89.8	79.	64.4 <	.005	4. <	.001
188	554.6	10.6	33.3	37.	18.7 <	.005	4. <	.001
189	545.5	65.5	190.4	76.	85.2 <	.005	6. <	.001
190	439.1	7.5	187.4	71.	60.4	.010	42. <	.001
191	433.2	8.0	190.9	65.	49.4 <	.005	60. <	.001
192	551.8	22.5	70.7	34.	26.7 <	.005	2. <	.001
193	514.9	6.0	153.2	79.	68.4 <	.005	66. <	.001
194	855.2 <	1.0	131.1	69.	57.0 <	.005	10. <	.001
195	454.7	9.3	134.8	94.	64.5 <	.005	46. <	.001
196	383.2	9.8	132.5	86.	64.6 <	.005	54. <	.001
197	474.3	6.5	142.1	84.	51.8 <	.005	42. <	.001
198	618.4	10.4	98.9	96.	60.3 <	.005	20. <	.001
199	497.5	19.3	118.5	112.	66.4 <	.005	12. <	.001
200	500.2	25.0	332.3	81.	82.0 <	.005	10. <	.001
201	505.4	78.7	199.2	80.	86.4 <	.005	4. <	.001
202	537.9	16.2	113.5	90.	66.2 <	.005 <	2. <	.001
203	532.4	9.7	148.1	128.	64.8 <	.005	4. <	.001
204	533.8	50.3	172.6	193.	89.0 <	.005	4. <	.001
205	562.8	9.8	40.3	30.	33.5 <	.005	4. <	.001
206	608.0	9.5	42.7	34.	41.5 <	.005	4. <	.001
207	537.4	33.9	85.1	103.	76.3 <	.005	4. <	.001
208	792.5	6.5	139.7	78.	96.8 <	.005	6. <	.001
209	878.8	3.9	91.0	196.	89.5 <	.005	4. <	.001
210	602.1	11.7	126.9	121.	140.4 <	.005	36. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
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PAGE 34

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	J
181	1030.	830.	8.	25.	1. <	1. <	.2	1.7
182	1040.	930.	10.	27.	1. <	1. <	.2	.4
183	940.	660.	8.	29. <	1. <	1. <	.2	1.0
184	1090.	940.	8.	48.	1. <	1.	.6	3.2
185	890.	740.	6.	26. <	1. <	1. <	.2	4.0
186	980.	740.	8.	33. <	1. <	1. <	.2	.5
187	870.	710.	10.	28. <	1. <	1. <	.2	1.5
188	860.	700.	10.	26.	1. <	1. <	.2	.3
189	860.	660.	8.	17.	1. <	1. <	.2	1.1
190	790.	680.	8.	31.	1. <	1. <	.2	.4
191	670.	700.	6.	36. <	1. <	1. <	.2	.7
192	950.	480.	5.	16.	2. <	1. <	.2	.4
193	1100.	670.	8.	28.	1. <	1. <	.2	.4
194	1130.	710.	8.	17. <	1. <	1. <	.2	.5
195	1300.	690.	8.	24.	1. <	1. <	.2 <	.2
196	1150.	840.	12.	44.	2. <	1. <	.2	.5
197	790.	770.	10.	40.	1. <	1. <	.2	.4
198	960.	990.	10.	35.	1. <	1. <	.2	.5
199	870.	1380.	6.	32. <	1. <	1. <	.2	1.3
200	640.	470.	10.	15. <	1. <	1. <	.2	.3
201	800.	970.	8.	18.	2. <	1. <	.2	1.2
202	1050.	870.	12.	29. <	1. <	1. <	.2	.9
203	1020.	560.	14.	18. <	1. <	1. <	.2	.5
204	800.	840.	12.	12.	1. <	1. <	.2	1.4
205	1200.	430.	12.	13. <	1. <	1. <	.2	.2
206	1240.	350.	10.	14.	1. <	1. <	.2	.2
207	880.	900.	8.	32. <	1. <	1. <	.2	.9
208	1250.	670.	10.	21.	1. <	1. <	.2	.7
209	1210.	620.	6.	18. <	1. <	1. <	.2	.7
210	1110.	860.	12.	29.	2. <	1. <	.2	.8

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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# W

181 < 2.
182 2.
183 < 2.
184 6.
185 < 2.

186 2.
187 < 2.
188 18.
189 2.
190 6.

191 14.
192 2.
193 4.
194 2.
195 2.

196 2.
197 2.
198 2.
199 4.
200 < 2.

201 8.
202 10.
203 6.
204 12.
205 8.

206 8.
207 2.
208 10.
209 6.
210 14.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE #	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
211	15.77	4.73	1.74	3.12	2.30	6.90	.92	.01
212	17.15	6.28	1.84	3.72	2.35	7.33	.12	.13
213	14.76	4.26	2.38	3.64	1.52	4.79	.73	.07
214	16.82	5.98	1.95	3.98	1.93	6.13	.92	.10
215	16.47	6.58	1.38	3.80	2.10	7.74	.12	.01
216	16.25	6.48	1.45	3.95	1.53	5.83	.11	.10
217	18.66	6.37	1.61	4.40	1.43	6.47	1.02	.12
218	17.24	5.99	1.88	3.98	1.86	7.40	1.08	.11
219	14.58	3.31	2.96	2.93	1.94	6.83	.98	.03
220	17.04	4.26	2.15	3.98	1.37	7.32	1.27	.01
221	16.96	5.26	1.88	3.56	2.18	7.89	1.10	.01
222	15.48	5.26	1.35	3.56	2.12	11.35	2.08	.02
223	15.28	4.48	2.15	3.35	1.76	6.27	.73	.11
224	16.15	6.37	1.88	3.14	2.23	5.81	.69	.12
225	14.49	5.37	2.15	3.77	1.73	5.22	.60	.09
226	15.42	7.31	1.35	3.35	2.71	10.23	1.77	.02
227	15.36	5.53	1.88	3.14	2.31	10.09	1.56	.02
228	15.85	9.25	1.88	3.98	1.70	7.00	1.06	.11
229	15.92	9.05	1.88	3.98	1.55	6.90	1.05	.11
230	13.95	4.27	1.88	2.51	2.97	7.40	.75	.11
231	15.91	7.41	1.61	3.14	3.11	6.89	.73	.12
232	14.06	5.77	1.61	2.72	3.72	7.15	.72	.11
233	14.66	6.47	1.61	2.93	3.95	7.28	.73	.12
234	14.34	6.05	1.61	2.93	3.33	6.96	.87	.12
235	15.25	3.29	2.95	2.93	1.14	5.07	.85	.02
236	14.00	2.15	4.31	2.72	.65	4.00	.44	.02
237	15.29	3.46	2.42	3.14	1.67	6.58	1.04	.02
238	14.71	2.14	3.77	3.35	1.09	5.76	.73	.04
239	13.81	1.79	4.53	2.72	.57	4.00	.46	.02
240	14.45	2.57	2.95	3.14	1.58	6.81	1.43	.02



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PB
211	.36	1.57	3.7	19.	21.4	35.8	39. <	5.
212	.38	1.70	4.2	18.	31.0	32.7	38. <	5.
213	.32	1.39	2.9	14.	8.9	21.7	21. <	5.
214	.39	1.38	3.9	20.	21.2	31.2	33. <	5.
215	.36	1.61	4.1	23.	38.0	34.8	34. <	5.
216	.41	1.28	4.5	20.	9.8	30.5	25.	25.
217	.51	1.42	7.5	15.	20.1	29.5	29. <	5.
218	.57	1.59	6.7	16.	25.9	47.0	43.	265.
219	.39	1.83	6.7	9.	29.4	26.5	33.	15.
220	.51	2.03	6.5	7.	17.6	31.2	28.	10.
221	.53	1.89	7.5	12.	42.2	62.7	38.	15.
222	.57	2.42	11.3	18.	101.1	55.4	52. <	5.
223	.38	1.81	8.8	17.	48.6	42.5	52.	5.
224	.42	1.75	9.8	17.	43.2	41.0	57. <	5.
225	.40	1.61	9.5	17.	54.1	34.0	48. <	5.
226	.49	2.36	10.0	13.	73.7	29.8	37. <	5.
227	.48	2.24	8.9	8.	51.0	27.7	31. <	5.
228	.40	1.53	7.9 <	5.	49.8	25.1	37. <	5.
229	.40	1.57	8.2	5.	49.5	24.7	35.	15.
230	.36	2.07	10.4	18.	204.1	49.8	91. <	5.
231	.37	1.55	6.1	14.	115.1	34.9	55. <	5.
232	.35	1.67	6.7	20.	106.5	41.5	64. <	5.
233	.34	1.62	6.4	27.	164.3	36.2	70. <	5.
234	.31	1.60	6.3	22.	106.6	35.8	67. <	5.
235	.26	2.15	5.0	11.	22.7	18.4	25. <	5.
236	.19	2.74	3.9	9.	2.6	12.9	17. <	5.
237	.41	1.99	5.7	12.	37.2	29.4	32. <	5.
238	.33	1.99	4.9 <	5.	5.3	17.9	19. <	5.
239	.18	2.37	3.7	11.	3.4	13.0	17.	10.
240	.23	2.47	5.5	12.	20.9	21.7	23.	10.



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DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
211	537.7	14.6	125.9	86.	135.8 <	.005	6. <	.001
212	641.6	12.3	164.5	92.	128.5 <	.005	6. <	.001
213	489.0	14.6	85.9	152.	118.6 <	.005	8. <	.001
214	657.9	13.0	125.4	76.	138.2 <	.005	4. <	.001
215	682.7	14.6	177.3	85.	120.0 <	.005	10. <	.001
216	697.1	12.3	132.5	88.	145.7 <	.005	18. <	.001
217	710.5	13.4	147.0	114.	146.4 <	.005	10. <	.001
218	593.3	15.8	142.7	93.	167.2 <	.005	36. <	.001
219	498.7	13.5	92.5	98.	163.5 <	.005	24. <	.001
220	492.0	15.5	156.4	152.	152.5 <	.005	6. <	.001
221	565.7	11.3	183.7	140.	114.9 <	.005	14. <	.001
222	483.8	15.3	334.7	215.	83.9	.005	40. <	.001
223	450.4	15.2	157.5	209.	107.0	.010	36. <	.001
224	586.5	11.7	203.5	294.	108.6	.005	28. <	.001
225	495.3	17.9	151.7	159.	111.4	.005	10. <	.001
226	582.2	12.1	376.1	203.	101.9	.005	12. <	.001
227	521.2	15.9	259.2	183.	151.3 <	.005	10. <	.001
228	721.9	11.6	201.8	137.	96.8	.010	24. <	.001
229	704.1	12.5	198.9	127.	95.4	.005	24. <	.001
230	343.6	17.3	226.0	299.	101.9	.010	20. <	.001
231	588.7	14.0	143.9	93.	105.2 <	.005	10. <	.001
232	506.9	16.3	138.3	92.	113.6 <	.005	8. <	.001
233	554.8	14.7	151.2	132.	109.1 <	.005	6. <	.001
234	569.5	13.5	129.4	145.	113.0 <	.005	4. <	.001
235	403.1	20.5	81.6	163.	210.8 <	.005	6. <	.001
236	270.3	24.4	32.2	102.	302.9 <	.005	20. <	.001
237	397.2	19.6	106.4	104.	182.3 <	.005	8. <	.001
238	223.3	19.4	53.3	103.	206.1 <	.005	24. <	.001
239	219.8	25.3	34.4	102.	314.7 <	.005	14. <	.001
240	286.4	21.6	95.6	118.	245.1 <	.005	10. <	.001



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
211	1080.	640.	12.	20.	1. <	1. <	.2	.4
212	1140.	660.	14.	19.	1. <	1. <	.2	.2
213	1180.	570.	8.	18.	2. <	1. <	.2	.2
214	1100.	580.	10.	13.	1. <	1. <	.2	.3
215	1020.	460.	8.	11. <	1. <	1. <	.2 <	.2
216	1110.	490.	10.	13. <	1. <	1. <	.2	.4
217	960.	480.	10.	14.	1. <	1. <	.2	.6
218	1180.	560.	30.	13.	2. <	1. <	.2	.6
219	1850.	560.	10.	24.	1. <	1. <	.2	1.4
220	1160.	650.	16.	24. <	1. <	1. <	.2	1.3
221	980.	500.	12.	20.	4. <	1. <	.2	.6
222	970.	500.	8.	13.	5. <	1. <	.2	.6
223	1310.	540.	12.	21.	7. <	1. <	.2	.7
224	1360.	440.	12.	21.	10. <	1. <	.2	.8
225	1300.	520.	10.	18.	6. <	1. <	.2	.4
226	1210.	480.	18.	16.	3. <	1. <	.2	.6
227	1270.	560.	12.	18.	1. <	1. <	.2	.4
228	1240.	550.	10.	19.	2. <	1. <	.2	.3
229	1410.	480.	10.	26.	7. <	1. <	.2	.3
230	1400.	400.	12.	22.	1. <	1. <	.2	.2
231	940.	460.	8.	18. <	1. <	1. <	.2	.6
232	950.	420.	10.	19. <	1. <	1. <	.2	.7
233	870.	400.	10.	18. <	1. <	1. <	.2	.5
234	1010.	370.	10.	18.	3. <	1. <	.2	.5
235	1270.	360.	10.	21.	1. <	1. <	.2	.8
236	920.	430.	10.	23.	2. <	1. <	.2	.6
237	1450.	460.	10.	23. <	1. <	1. <	.2	1.0
238	1850.	480.	10.	20.	1. <	1. <	.2	1.2
239	930.	560.	8.	25.	4. <	1. <	.2	.9
240	700.	440.	10.	26.	3. <	1. <	.2	.5



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 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# #

211 35.
 212 8.
 213 10.
 214 6.
 215 8.

216 12.
 217 < 2.
 218 2.
 219 14.
 220 4.

221 6.
 222 18.
 223 4.
 224 8.
 225 < 2.

226 2.
 227 6.
 228 10.
 229 6.
 230 2.

231 18.
 232 18.
 233 14.
 234 4.
 235 16.

236 16.
 237 24.
 238 12.
 239 16.
 240 12.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF: THE WINNEMUCCA DISTRICT, NEVADA DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
241	13.59	2.39	3.50	3.14	.98	5.23	.96	.02
242	14.13	2.79	3.23	3.14	.97	4.43	.74	.02
243	13.12	2.28	3.77	2.09	.96	3.70	.54	.10
244	15.24	3.40	2.42	3.35	1.49	8.53	1.74	.02
245	14.38	2.48	3.77	2.93	.99	4.97	.85	.02
246	14.45	2.57	3.50	2.93	1.04	4.75	.82	.02
247	15.31	3.57	2.95	3.14	1.33	4.78	.77	.12
248	14.93	3.58	2.96	3.14	1.45	5.11	.88	.12
249	15.22	2.84	3.23	3.14	1.13	5.69	1.08	.02
250	13.77	1.74	4.04	3.35	.43	3.81	.52	.02
251	14.60	2.59	2.69	2.93	.90	4.20	.77	.11
252	13.74	1.96	4.31	2.51	.59	6.17	.67	.02
253	13.37	2.49	3.23	2.72	1.03	6.98	1.54	.02
254	13.10	2.84	2.96	2.93	1.56	10.92	3.29	.02
255	14.29	3.03	2.69	2.72	1.35	5.00	.86	.12
256	12.93	3.83	1.88	2.72	2.70	15.46	4.61	.02
257	14.58	3.11	2.69	2.93	1.30	5.08	.85	.11
258	14.86	3.19	2.96	2.93	1.31	4.94	.81	.01
259	15.38	3.34	2.96	3.14	1.39	4.99	.77	.01
260	14.52	2.82	2.42	2.72	1.01	4.49	.82	.10
261	14.74	3.01	2.42	2.93	1.12	5.24	1.07	.13
262	13.80	3.76	2.15	3.14	2.38	9.43	2.65	.02
263	14.31	3.32	2.42	2.72	1.70	7.55	2.01	.02
264	15.35	3.47	2.15	2.93	2.03	6.46	1.13	.01
265	14.83	3.28	2.69	2.93	1.30	6.52	1.25	.01
266	12.88	3.28	2.15	2.72	2.10	15.86	4.23	.02
267	14.83	3.01	2.42	3.14	.72	3.96	.72	.11
268	14.45	3.00	2.42	2.93	1.40	6.29	1.21	.02
269	14.88	3.54	2.42	3.14	1.52	7.55	1.82	.01
270	15.88	3.30	2.69	3.14	.82	4.14	.70	.11



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PB
241	.23	2.57	4.7	17.	14.9	19.4	22. <	5.
242	.25	2.18	4.5	10.	19.7	18.9	19. <	5.
243	.18	2.55	4.1	11.	20.9	20.5	19.	15.
244	.34	2.02	6.3	9.	42.0	25.5	26.	10.
245	.20	2.52	4.7	6.	16.2	17.0	20. <	5.
246	.21	2.42	3.9	6.	17.5	18.2	21. <	5.
247	.33	2.43	3.7	7.	15.9	21.9	21. <	5.
248	.30	2.25	4.5	6.	23.6	20.7	20. <	5.
249	.21	2.97	4.8	12.	22.3	21.5	20.	15.
250	.20	3.04	3.5	14.	12.8	19.1	17. <	5.
251	.19	2.75	3.9	13.	25.3	22.4	18. <	5.
252	.17	2.17	3.3 <	5.	3.2	12.5	13. <	5.
253	.22	2.58	5.9 <	5.	12.0	19.5	26.	15.
254	.25	2.50	8.6	10.	22.5	24.3	24.	5.
255	.25	2.44	4.7	11.	20.1	22.5	23.	15.
256	.31	2.56	10.7	17.	52.6	32.4	38.	5.
257	.32	2.54	4.6	12.	22.2	22.1	20.	10.
258	.28	2.57	3.9	12.	18.7	23.3	23.	15.
259	.27	2.55	4.5	10.	18.3	21.4	23.	15.
260	.27	2.15	4.2	12.	17.9	23.3	16.	10.
261	.28	2.09	4.4	10.	20.5	25.9	17.	15.
262	.28	2.07	8.5	10.	19.2	25.0	28. <	5.
263	.27	2.37	7.2	10.	23.4	26.1	30. <	5.
264	.33	1.86	6.3	14.	11.2	30.5	32. <	5.
265	.27	2.27	5.6	5.	12.7	24.8	20.	5.
266	.25	2.97	10.0	15.	23.6	31.4	28. <	5.
267	.16	2.45	4.4	10.	17.6	18.5	18. <	5.
268	.25	2.85	5.3	11.	29.8	25.3	23.	20.
269	.25	2.51	7.5	10.	39.0	24.9	25.	10.
270	.23	2.23	5.0	7.	20.6	22.5	17.	15.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF: THE WINNEMUCCA DISTRICT, NEVADA DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AJ
241	242.3	27.8	76.9	110.	259.1 <	.005	14. <	.001
242	294.8	24.8	64.7	96.	232.0 <	.005 <	2. <	.001
243	207.6	26.5	52.4	97.	280.3 <	.005	2. <	.001
244	370.0	18.4	164.4	122.	176.8 <	.005 <	2. <	.001
245	271.4	17.3	57.3	106.	269.1 <	.005	12. <	.001
246	287.1	17.9	57.0	101.	252.8 <	.005	2. <	.001
247	352.3	21.3	66.9	91.	221.5 <	.005	24. <	.001
248	347.6	16.6	78.3	93.	205.8 <	.005	28. <	.001
249	314.9	26.7	95.5	119.	243.2 <	.005	6. <	.001
250	190.1	29.6	53.4	95.	285.0 <	.005	12. <	.001
251	307.8	24.3	66.0	97.	236.7 <	.005	4. <	.001
252	87.3	24.0	33.3	111.	214.2 <	.005 <	2. <	.001
253	209.6	21.4	104.3	133.	217.9 <	.005	4. <	.001
254	256.7	20.7	192.4	150.	212.2 <	.005	6. <	.001
255	307.4	19.1	76.6	95.	211.1 <	.005	10. <	.001
256	332.7	24.6	288.1	184.	182.5 <	.005	12. <	.001
257	316.8	22.1	74.1	95.	220.9 <	.005	2. <	.001
258	331.1	21.0	77.2	93.	219.3 <	.005	14. <	.001
259	359.0	22.4	75.2	95.	220.5 <	.005	20. <	.001
260	322.6	22.6	80.1	92.	222.4 <	.005	6. <	.001
251	338.7	20.9	93.5	96.	206.8 <	.005	18. <	.001
252	372.0	18.0	161.3	145.	190.7 <	.005	2. <	.001
253	331.6	21.7	134.4	127.	212.5 <	.005	12. <	.001
254	395.6	18.2	105.8	101.	187.0 <	.005	12. <	.001
255	353.2	17.6	116.3	118.	212.4 <	.005	24. <	.001
256	315.0	27.4	298.2	201.	204.1 <	.005	4. <	.001
257	368.4	20.0	61.5	94.	228.2 <	.005	4. <	.001
258	354.6	20.3	106.4	123.	221.6 <	.005	4. <	.001
259	364.7	19.2	143.1	127.	196.1	.025 <	2. <	.075
270	390.5	18.7	66.8	99.	224.8 <	.005 <	2. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
241	940.	480.	8.	24.	2. <	1. <	.2	.9
242	1190.	390.	10.	19.	1. <	1. <	.2	.9
243	510.	350.	8.	22. <	1. <	1.	1.2	.6
244	1470.	420.	10.	20.	1. <	1. <	.2	.9
245	770.	530.	10.	22.	1. <	1. <	.2	.8
246	760.	510.	10.	24.	2. <	1. <	.2	.6
247	1250.	620.	10.	27.	3. <	1. <	.2	.8
248	1220.	570.	6.	26.	3. <	1. <	.2	.8
249	700.	480.	8.	14. <	1. <	1. <	.2	1.1
250	920.	540.	10.	17.	3. <	1. <	.2	.9
251	630.	510.	12.	19. <	1. <	1. <	.2	1.1
252	720.	455.	8.	18.	1. <	1. <	.2	.4
253	800.	560.	10.	18.	2. <	1. <	.2	.3
254	700.	450.	8.	17.	3. <	1. <	.2	.8
255	800.	600.	8.	24.	3. <	1. <	.2	.8
256	640.	480.	8.	16.	2. <	1. <	.2	1.2
257	1270.	600.	10.	25.	1. <	1. <	.2	.9
258	960.	600.	10.	24.	2. <	1. <	.2	.8
259	880.	550.	8.	23.	3. <	1. <	.2	.6
260	770.	600.	10.	19.	3. <	1. <	.2	.9
261	780.	560.	10.	21.	4. <	1.	.2	.5
262	670.	540.	10.	21.	4. <	1. <	.2	.5
263	660.	620.	8.	24.	3. <	1. <	.2	1.0
264	810.	460.	12.	16.	1. <	1. <	.2	.7
265	860.	500.	10.	18.	5. <	1. <	.2	.7
266	520.	430.	10.	12.	2. <	1. <	.2	.6
267	550.	480.	18.	19.	3. <	1.	.2	1.0
268	670.	580.	14.	18.	3. <	1. <	.2	.9
269	630.	520.	12.	17.	3. <	1. <	.2	.9
270	730.	560.	12.	16.	3. <	1. <	.2	.9

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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#

#

241 18.
242 24.
243 15.
244 16.
245 14.

246 20.
247 28.
248 42.
249 12.
250 15.

251 22.
252 22.
253 4.
254 4.
255 4.

256 4.
257 4.
258 2.
259 6.
260 6.

261 6.
262 2.
263 14.
264 34.
265 6.

266 4.
267 2.
268 10.
269 2.
270 4.



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DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
271	14.01	3.59	1.88	2.93	1.87	15.58	4.47	.02
272	14.38	1.35	3.23	3.56	.80	3.61	.66	.01
273	15.18	2.42	2.69	2.93	.89	4.09	.67	.09
274	15.25	3.51	2.69	2.93	1.71	5.25	1.10	.01
275	13.69	2.69	3.50	2.72	1.32	4.88	.79	.13
276	16.02	5.92	1.88	2.72	2.82	8.24	1.60	.02
277	15.01	5.73	1.61	2.93	3.04	9.82	2.03	.02
278	14.11	3.55	2.69	2.09	1.58	5.80	.97	.02
279	13.69	3.15	2.69	1.89	1.47	5.27	.75	.01
280	12.97	2.68	2.42	2.09	1.68	6.17	.92	.01
281	14.93	3.01	3.23	2.72	1.15	4.34	.69	.01
282	14.17	3.06	3.23	3.14	1.20	4.36	.67	.01
283	14.03	2.35	2.96	3.14	.94	4.56	.66	.09
284	15.08	3.24	2.69	3.35	1.47	7.57	1.55	.02
285	13.32	3.26	2.42	3.14	1.68	11.42	3.00	.02
286	14.42	3.36	2.42	3.35	1.57	8.57	1.93	.02
287	15.08	5.13	2.15	3.56	1.35	6.43	1.04	.10
288	16.22	6.63	1.88	3.56	1.91	7.27	1.35	.09
289	17.80	5.40	2.42	4.61	1.30	5.34	.70	.08
290	16.74	5.68	1.61	3.77	2.63	6.83	.88	.10
291	13.97	5.34	2.15	2.72	2.18	5.82	.77	.09
292	16.37	5.37	1.88	2.72	2.80	6.90	.90	.11
293	13.93	6.17	1.61	2.93	3.35	9.24	1.22	.02
294	13.97	6.55	1.61	2.93	3.42	9.14	1.13	.02
295	16.85	6.51	1.61	3.14	2.90	8.80	1.32	.01
296	13.94	6.04	2.15	2.93	4.24	11.86	1.36	.02
297	15.16	4.72	1.88	2.30	2.57	7.49	1.67	.11
298	14.37	3.72	1.88	1.26	2.47	7.19	.81	.11
299	14.75	4.68	1.88	2.30	2.42	6.60	1.17	.09
300	14.07	2.33	2.69	3.14	1.12	4.73	.64	.01



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

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GEOCHEMICAL DATA LISTING

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	P3
271	.31	2.56	11.5	8.	17.8	32.0	25. <	5.
272	.14	2.91	4.1	8.	3.6	14.4	21.	15.
273	.23	2.40	3.7	8.	10.2	27.3	21.	15.
274	.27	2.71	5.7	11.	10.9	25.0	25.	10.
275	.20	4.78	4.3	10.	8.6	17.7	20.	20.
276	.41	2.08	7.7	22.	95.1	36.3	50.	5.
277	.39	2.36	9.0	21.	116.4	36.2	55. <	5.
278	.29	2.47	4.6	10.	36.1	28.4	28.	10.
279	.28	2.53	4.7	10.	44.3	31.4	28.	10.
280	.33	2.41	3.9	11.	11.3	35.7	28. <	5.
281	.27	2.85	3.8 <	5.	4.8	17.9	17.	15.
282	.27	2.53	3.9 <	5.	4.6	16.5	14.	10.
283	.24	3.17	3.8 <	5.	3.5	21.8	20. <	5.
284	.35	2.68	5.0	8.	22.9	25.3	26.	5.
285	.36	2.62	7.2	7.	14.7	26.0	20. <	5.
286	.43	2.00	5.6 <	5.	31.8	23.4	21. <	5.
287	.42	1.70	5.4	7.	38.7	34.5	31.	10.
288	.42	1.66	6.0	9.	41.5	24.2	27.	10.
289	.37	1.37	6.9	16.	34.3	33.5	32. <	5.
290	.44	1.54	7.8	18.	54.1	35.3	39. <	5.
291	.33	1.73	7.2	20.	71.3	30.8	42. <	5.
292	.36	1.65	6.5	18.	39.1	30.1	33. <	5.
293	.59	1.90	8.1	19.	37.0	47.0	34. <	5.
294	.65	1.92	8.2	21.	45.5	47.0	33. <	5.
295	.38	1.73	7.4	25.	81.7	54.5	53. <	5.
296	.60	2.32	8.8	17.	37.9	48.1	30. <	5.
297	.45	1.32	9.1	15.	118.8	32.8	44.	5.
298	.30	1.85	6.4	19.	66.5	33.1	48.	5.
299	.48	1.77	7.4	15.	91.0	29.7	46.	5.
300	.23	2.46	4.2	12.	17.8	27.1	26.	15.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 48

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
271	382.9	18.7	314.8	191.	196.5 <	.005	10. <	.001
272	254.9	23.8	49.8	92.	237.4 <	.005	10. <	.001
273	273.5	20.4	71.4	86.	251.4 <	.005	12. <	.001
274	344.3	24.1	44.4	101.	216.9 <	.005	12. <	.001
275	280.4	32.3	68.2	119.	401.3 <	.005	24. <	.001
276	429.9	15.2	210.4	105.	153.3 <	.005	38. <	.001
277	398.3	17.2	263.5	115.	164.0 <	.005	34. <	.001
278	361.9	15.3	109.9	125.	178.3 <	.005	58. <	.001
279	327.5	15.7	90.7	80.	180.1 <	.005	58. <	.001
280	292.5	14.6	96.5	91.	217.7 <	.005	14. <	.001
281	345.9	17.3	62.7	81.	214.0 <	.005	18. <	.001
282	319.4	16.2	64.5	81.	187.5 <	.005	10. <	.001
283	258.2	20.7	59.2	96.	267.0 <	.005	10. <	.001
284	353.7	21.9	130.6	115.	204.3 <	.005	20. <	.001
285	332.3	16.3	220.3	148.	189.7 <	.005	26. <	.001
286	354.3	17.7	142.9	116.	169.5 <	.005	6. <	.001
287	543.4	17.7	143.3	98.	138.4 <	.005	4. <	.001
288	681.8	24.3	195.5	107.	121.4 <	.005	14. <	.001
289	643.9	17.2	98.8	89.	129.0 <	.005	6. <	.001
290	612.2	17.4	146.7	110.	104.0 <	.005	2. <	.001
291	432.0	23.4	153.5	130.	80.2	.005	10. <	.001
292	565.0	19.7	151.5	110.	129.3 <	.005	10. <	.001
293	356.0	33.6	230.0	113.	70.7 <	.005	12. <	.001
294	379.1	40.6	225.9	110.	73.2 <	.005	14. <	.001
295	484.8	19.1	203.7	104.	134.9 <	.005	4. <	.001
296	300.5	26.2	275.2	119.	72.1 <	.005	10. <	.001
297	384.8	20.0	179.2	114.	100.9 <	.005 <	2. <	.001
298	270.3	20.4	136.2	110.	73.8 <	.005	4. <	.001
299	385.9	23.7	145.7	95.	72.7 <	.005 <	2. <	.001
300	272.4	26.5	72.0	119.	269.7 <	.005 <	2. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 49

GEOCHEMICAL DATA LISTING

SAMPLE#	BA	F	HG	LI	MO	SD	SN	U
271	740.	270.	10.	16.	2. <	1. <	.2	.6
272	470.	480.	10.	25.	1. <	1. <	.2	.9
273	680.	520.	12.	24.	3. <	1. <	.2	1.5
274	800.	580.	10.	27.	2. <	1. <	.2	.5
275	610.	850.	10.	25.	5. <	1. <	.2	.7
276	320.	440.	8.	18.	2. <	1. <	.2	.7
277	770.	385.	8.	18.	1. <	1. <	.2	.7
278	820.	400.	8.	19.	2. <	1. <	.2	.8
279	740.	390.	8.	21.	2. <	1. <	.2	.9
280	790.	660.	10.	26.	2. <	1. <	.2	1.2
281	1130.	560.	8.	29.	3. <	1. <	.2	.6
282	1000.	570.	8.	25.	3. <	1. <	.2	.5
283	860.	600.	12.	26.	2. <	1. <	.2	.9
284	1410.	510.	14.	20.	3. <	1. <	.2	.8
285	1620.	375.	10.	17.	4. <	1. <	.2	.9
286	2410.	410.	14.	25.	3. <	1. <	.2	.7
287	920.	540.	10.	22.	1. <	1. <	.2	.5
288	1000.	570.	6.	20.	2. <	1. <	.2	.5
289	940.	445.	10.	18.	3. <	1. <	.2	.6
290	910.	450.	10.	19.	2. <	1. <	.2	.5
291	1100.	565.	10.	23.	3. <	1. <	.2	.7
292	1010.	585.	10.	23.	1. <	1. <	.2	.8
293	840.	960.	10.	22.	3. <	1. <	.2	4.4
294	780.	850.	8.	21.	2. <	1. <	.2	4.0
295	820.	1700.	8.	19.	1. <	1. <	.2	8.0
296	590.	1600.	8.	29.	2. <	1. <	.2	2.8
297	830.	640.	10.	29.	2. <	1. <	.2	.7
298	590.	670.	10.	39.	2. <	1. <	.2	.7
299	620.	730.	10.	29.	2. <	1. <	.2	.7
300	520.	640.	20.	32.	1. <	1. <	.2	3.0



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 50

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#

271	8.
272	16.
273	18.
274	24.
275	16.
276	40.
277	22.
278	22.
279	24.
280	14.
281	6.
282	35.
283	6.
284	6.
285	10.
286	2.
287	10.
288	6.
289	< 2.
290	< 2.
291	< 2.
292	< 2.
293	10.
294	< 2.
295	< 2.
296	12.
297	< 2.
298	< 2.
299	< 2.
300	4.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
301	9.39	.15	4.04	3.56	.14	2.69	.22	.08
302	10.41	.35	4.04	3.77	.23	3.08	.31	.11
303	12.92	1.85	2.95	3.14	.98	4.27	.58	.02
304	13.91	2.50	2.69	2.93	1.10	4.68	.70	.01
305	14.36	2.49	2.96	3.35	1.00	4.32	.64	.01
306	11.14	.30	4.58	3.98	.20	3.08	.21	.10
307	14.90	2.28	3.77	3.14	.96	4.47	.74	.02
308	15.06	2.93	2.59	3.14	1.20	5.49	.92	.02
309	12.15	.50	4.85	3.77	.30	3.53	.37	.01
310	11.93	.54	4.58	3.98	.31	3.90	.29	.12
311	15.30	2.37	4.04	2.30	1.03	6.72	.97	.02
312	15.05	2.53	3.77	2.09	.90	5.03	.58	.01
313	12.95	2.55	2.69	2.72	1.52	13.58	3.47	.02
314	14.01	1.67	4.31	2.30	.59	4.48	.53	.02
315	13.03	2.32	3.50	1.68	.77	4.77	.55	.12
316	16.01	2.63	3.23	2.93	1.00	6.04	.88	.03
317	15.34	2.85	2.96	3.35	1.04	5.00	.82	.02
318	14.87	1.95	4.58	3.14	.61	5.30	.67	.03
319	16.10	3.02	2.96	3.56	1.02	5.09	.73	.02
320	15.05	2.52	2.69	3.14	.98	5.31	.68	.02
321	15.17	1.93	4.04	2.51	.78	5.91	.52	.03
322	16.73	2.55	2.96	2.93	.97	5.94	.78	.02
323	15.93	2.55	3.50	3.14	.99	5.38	.76	.02
324	16.22	2.66	2.87	3.18	1.00	6.14	.79	.02
325	15.33	2.20	3.23	2.31	.76	4.80	.58	.02
326	15.33	2.44	3.61	2.67	.82	5.93	.70	.02
327	16.41	3.15	2.39	3.29	1.24	7.65	1.22	.02
328	15.79	2.55	3.37	3.27	.87	4.04	.56	.02
329	16.10	2.76	2.85	2.98	1.01	5.50	.77	.02
330	16.74	3.06	2.85	3.48	1.26	6.91	1.10	.02



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 52

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PB
301	.07	2.51	1.5	11.	3.2	15.4	13.	5.
302	.10	2.85	2.5	14.	2.5	10.5	14.	15.
303	.23	2.67	3.9	18.	17.6	23.0	23.	20.
304	.24	2.15	4.8	22.	28.7	26.3	23.	20.
305	.22	2.29	4.3	20.	27.1	25.4	23.	5.
306	.11	3.21	2.0 <	5.	10.1	17.3	11. <	5.
307	.18	2.55	4.1	11.	16.5	18.7	21. <	5.
308	.27	1.98	4.9	10.	31.2	27.1	26. <	5.
309	.12	3.34	1.9	7.	7.7	18.0	14. <	5.
310	.13	3.36	2.1	6.	18.3	26.5	15.	5.
311	.17	2.26	4.5 <	5.	13.8	17.7	19.	10.
312	.17	2.15	4.1 <	5.	11.7	16.6	17.	15.
313	.18	2.32	9.2	13.	43.5	29.4	32.	10.
314	.16	2.35	3.5	9.	5.5	15.5	18.	25.
315	.13	2.60	3.7 <	5. <	.8	11.3	14.	10.
316	.23	2.52	4.5	9.	15.3	22.9	23.	15.
317	.21	2.20	5.1	12.	19.2	20.8	24.	10.
318	.33	2.24	3.8	6. <	.8	15.0	14.	15.
319	.23	2.39	4.8	15.	18.6	22.7	27.	10.
320	.33	1.92	4.8	12.	17.8	27.3	23.	10.
321	.15	2.93	4.0 <	5. <	.8	12.8	12.	10.
322	.23	2.71	4.4	22.	31.1	30.1	35.	20.
323	.21	2.53	4.5	10.	11.5	18.7	22. <	5.
324	.26	2.22	6.8	5.	34.8	30.3	27.	10.
325	.18	2.92	5.6	8.	11.1	20.8	21.	15.
326	.17	2.59	6.0	6.	29.1	20.8	24.	10.
327	.29	2.22	7.1	12.	37.9	27.3	31.	10.
328	.17	2.54	4.8	8.	14.1	16.1	17.	10.
329	.23	3.14	5.7	7.	41.3	28.1	29.	5.
330	.22	2.53	7.1	18.	35.4	24.4	28.	10.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

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GEOCHEMICAL DATA LISTING

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
301	12.4	25.7	13.2	96.	259.5 <	.005	4. <	.001
302	34.8	27.7	19.5	111.	278.4	.015 <	2. <	.001
303	218.3	34.5	59.0	119.	301.9	.005 <	2. <	.001
304	275.5	29.3	81.3	108.	243.0 <	.005 <	2. <	.001
305	309.1	32.4	70.9	109.	259.9 <	.005 <	2. <	.001
306	26.5	27.2	15.6	91.	307.4	.015 <	2. <	.001
307	266.4	31.9	64.0	106.	282.0 <	.005 <	2. <	.001
308	332.6	25.6	97.6	103.	193.6 <	.005 <	2. <	.001
309	45.3	32.3	20.9	106.	349.5 <	.005 <	2. <	.001
310	63.3	30.0	23.2	101.	329.4	.005	4. <	.001
311	176.3	21.8	70.3	127.	251.4 <	.005 <	2. <	.001
312	171.6	19.3	39.9	109.	245.4 <	.005 <	2. <	.001
313	217.5	22.7	270.0	175.	209.2	.010 <	2. <	.001
314	133.8	26.1	42.0	115.	297.1 <	.005 <	2. <	.001
315	164.6	19.7	31.6	95.	212.5 <	.005 <	2. <	.001
316	303.7	28.1	82.0	113.	234.0 <	.005 <	2. <	.001
317	317.7	23.0	67.3	94.	224.3 <	.005 <	2. <	.001
318	173.2	25.4	38.3	107.	260.8 <	.005 <	2. <	.001
319	356.4	24.4	68.3	101.	238.6 <	.005	2. <	.001
320	303.9	24.2	73.7	123.	176.7	.005	20. <	.001
321	138.7	28.6	32.2	109.	258.9	.005 <	2. <	.001
322	325.0	28.4	83.7	98.	256.1 <	.005	4. <	.001
323	270.7	24.1	61.3	104.	235.6 <	.005 <	2. <	.001
324	314.6	15.5	81.9	113.	204.4 <	.005	38. <	.001
325	240.3	17.3	54.7	120.	261.3 <	.005	2. <	.001
326	223.7	16.2	57.2	137.	227.7 <	.005	14. <	.001
327	349.5	16.5	109.3	112.	181.0 <	.005 <	2. <	.001
328	280.7	14.4	48.8	108.	239.3 <	.005 <	2. <	.001
329	319.2	17.2	83.8	113.	233.8 <	.005	26. <	.001
330	369.2	20.2	106.3	121.	220.8 <	.005	28. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 54

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
301	150.	580.	16.	28.	12. <	1. <	.2	.8
302	370.	700.	16.	34.	2. <	1. <	.2	1.2
303	490.	620.	20.	32.	2. <	1. <	.2	1.1
304	600.	600.	20.	30.	1. <	1. <	.2	1.0
305	590.	540.	14.	28.	2. <	1. <	.2	1.0
306	310.	620.	10.	32.	2. <	1. <	.2	.9
307	580.	640.	14.	20.	2. <	1. <	.2	.7
308	660.	540.	16.	24.	1. <	1. <	.2	.5
309	450.	580.	14.	21.	4. <	1. <	.2	1.0
310	280.	560.	12.	28.	4. <	1. <	.2	1.0
311	580.	580.	12.	18.	4. <	1. <	.2	.9
312	520.	540.	12.	18.	2. <	1. <	.2	1.2
313	460.	340.	14.	14.	2. <	1. <	.2	1.3
314	440.	590.	12.	19.	2. <	1. <	.2	1.2
315	590.	780.	12.	14.	2. <	1. <	.2	1.2
316	910.	610.	14.	20.	2. <	1. <	.2	1.2
317	710.	700.	12.	23.	3. <	1. <	.2	1.1
318	1440.	860.	10.	18.	4. <	1. <	.2	1.2
319	830.	800.	14.	25.	6. <	1. <	.2	.8
320	930.	480.	14.	21.	3. <	1. <	.2	1.0
321	730.	880.	12.	23.	4. <	1. <	.2	.9
322	840.	560.	14.	25.	3. <	1. <	.2	1.7
323	860.	850.	12.	23.	2. <	1. <	.2	.9
324	1150.	480.	10.	24.	3. <	1. <	.2	1.0
325	750.	570.	12.	20.	3. <	1. <	.2	1.2
326	780.	670.	10.	22.	4. <	1. <	.2	1.6
327	1590.	520.	10.	23.	2. <	1. <	.2	1.3
328	850.	560.	10.	18.	3. <	1. <	.2	1.0
329	960.	540.	14.	20.	3. <	1. <	.2	1.6
330	1060.	540.	12.	20.	2. <	1. <	.2	1.4

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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# W

301 2.
302 < 2.
303 2.
304 2.
305 8.

306 10.
307 2.
308 8.
309 8.
310 6.

311 6.
312 6.
313 8.
314 10.
315 < 2.

316 < 2.
317 < 2.
318 6.
319 10.
320 10.

321 24.
322 24.
323 18.
324 48.
325 8.

326 12.
327 6.
328 < 2.
329 4.
330 2.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
331	17.81	3.80	2.01	3.75	1.39	6.15	1.08	.02
332	16.52	2.00	3.24	3.99	.59	7.53	1.23	.07
333	16.56	3.29	1.98	3.38	1.35	6.78	1.41	.02
334	16.55	3.58	2.11	3.55	1.40	7.21	1.42	.02
335	10.26	19.54	.91	2.47	2.32	5.41	.87	.12
336	14.20	11.58	1.39	3.20	2.67	5.03	.64	.10
337	16.21	3.23	2.27	3.46	1.35	6.67	1.28	.02
338	16.69	3.25	2.26	3.60	1.20	6.13	1.25	.02
339	15.96	3.26	2.86	3.25	1.41	6.68	1.27	.02
340	16.44	3.22	2.36	3.38	1.27	6.33	1.25	.02
341	15.17	3.82	2.27	2.40	1.66	7.52	1.26	.02
342	14.14	3.83	2.20	2.50	1.48	6.95	1.40	.02
343	15.21	3.70	2.38	3.29	1.65	7.06	1.36	.02
344	15.23	2.33	3.65	3.97	.60	5.16	.88	.03
345	15.07	2.84	3.03	3.45	1.20	4.68	.74	.12
346	15.07	4.19	2.58	3.00	2.00	6.95	1.26	.02
347	11.24	11.06	1.05	2.72	3.10	13.49	1.18	.02
348	15.35	6.68	2.37	3.23	3.52	7.70	.96	.01
349	15.00	7.38	1.93	3.32	3.43	7.35	.95	.01
350	13.62	8.70	1.48	2.98	5.02	14.07	1.12	.02
351	13.73	6.18	1.61	3.13	3.09	7.85	.85	.01
352	13.67	6.90	1.69	2.90	3.19	8.21	1.03	.02
353	13.55	6.81	1.77	2.81	3.27	8.06	1.04	.01
354	13.54	5.65	1.96	2.74	3.27	7.66	.93	.01
355	14.94	4.24	1.83	3.84	1.06	9.53	1.03	.12
356	13.77	1.89	2.72	4.14	.35	2.30	.15	.06
357	15.92	5.40	2.44	4.55	.59	4.28	.38	.12
358	12.14	1.31	2.74	3.42	.27	2.08	.12	.05
359	11.94	1.34	2.01	3.31	.83	2.68	.32	.07
360	13.72	3.10	2.15	3.06	1.22	3.76	.52	.09



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PB
331	.27	1.50	6.7	21.	28.2	24.1	34.	5.
332	.39	1.99	5.9	41.	11.1	23.3	29.	15.
333	.24	1.53	7.3	18.	36.1	27.8	27. <	5.
334	.31	1.55	7.2	14.	45.8	29.3	50.	15.
335	.47	.29	10.7	13.	70.8	20.7	38.	10.
336	.43	.89	9.9	14.	43.0	23.0	34.	10.
337	.32	1.59	7.4	13.	40.7	26.6	27.	15.
338	.29	1.63	7.8	10.	57.2	26.4	28.	10.
339	.29	2.15	7.8	11.	36.4	23.8	24. <	5.
340	.29	1.76	7.7	11.	37.7	25.7	27.	15.
341	.30	2.41	8.0	15.	61.8	33.2	36.	10.
342	.30	1.79	8.9	8.	68.2	30.3	36.	5.
343	.41	1.80	8.6	6.	30.3	21.8	27. <	5.
344	.34	2.15	6.5	10.	6.8	19.5	22.	20.
345	.23	2.88	5.8 <	5.	15.0	20.3	23.	10.
346	.66	1.73	7.8	6.	29.7	19.0	24.	10.
347	.50	1.46	12.4 <	5.	87.5	28.0	33. <	5.
348	.41	1.59	10.3	17.	39.5	53.6	33.	5.
349	.47	1.59	10.4	20.	39.2	41.5	30.	10.
350	.36	1.68	12.2	11.	69.2	36.4	38. <	5.
351	.45	1.37	8.8	21.	34.7	44.8	34.	10.
352	.67	1.54	9.9	28.	50.3	45.2	30.	10.
353	.60	1.52	9.2	29.	50.9	45.0	34.	10.
354	.48	1.42	9.0	28.	42.1	52.4	31.	10.
355	.27	1.59	7.0	17.	44.5	20.1	24.	5.
356	.18	1.80	3.4	15.	20.5	19.0	18.	10.
357	.28	2.19	6.0	13.	14.5	12.2	20. <	5.
358	.18	1.49	3.7	12.	15.0	19.2	22.	5.
359	.18	1.30	3.7	12.	15.6	12.1	18. <	5.
360	.23	1.53	6.3	10.	32.8	18.3	27.	20.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
331	490.7	19.0	91.4	100.	168.9 <	.005 <	2. <	.001
332	268.5	30.0	127.4	104.	204.6 <	.005	10. <	.001
333	415.5	19.2	112.2	118.	155.8 <	.005 <	2. <	.001
334	433.6	15.9	129.7	120.	161.9 <	.005 <	2. <	.001
335	11.5 <	1.0	149.5	90.	57.1 <	.005	4. <	.001
336	693.9	7.3	122.6	95.	62.0 <	.005	2. <	.001
337	380.8	16.9	114.1	121.	171.4 <	.005 <	2. <	.001
338	390.2	12.3	97.7	112.	168.9 <	.005	2. <	.001
339	359.9	17.5	115.1	132.	222.8 <	.005	4. <	.001
340	391.1	14.9	105.1	112.	188.5 <	.005	2. <	.001
341	370.5	12.5	151.9	117.	181.7 <	.005	54. <	.001
342	376.9	7.1	169.2	114.	173.7 <	.005	18. <	.001
343	429.2	11.4	114.1	120.	174.9 <	.005 <	2. <	.001
344	309.4	14.5	77.8	111.	243.2 <	.005 <	2. <	.001
345	364.4	12.9	70.8	104.	238.4 <	.005	4. <	.001
346	448.5	10.8	89.3	119.	181.0 <	.005 <	2. <	.001
347	611.0	25.5	368.5	125.	72.1 <	.005	8. <	.001
348	427.3	14.5	180.7	128.	62.9 <	.005 <	2. <	.001
349	455.2	20.5	179.1	207.	61.6 <	.005 <	2. <	.001
350	439.7	24.9	351.3	134.	73.1 <	.005	6. <	.001
351	358.1	19.9	173.2	108.	57.2 <	.005	6. <	.001
352	359.8	45.4	211.4	116.	64.7 <	.005	10. <	.001
353	363.4	35.6	197.3	119.	70.3 <	.005	2. <	.001
354	352.5	28.7	167.3	116.	64.9 <	.005 <	2. <	.001
355	462.5	28.0	215.8	208.	76.4 <	.005	2. <	.001
356	283.6	15.9	27.4	48.	42.4 <	.005	2. <	.001
357	340.3	38.5	77.2	114.	45.7 <	.005 <	2. <	.001
358	201.8	20.7	24.2	63.	31.4 <	.005 <	2. <	.001
359	234.9	14.2	41.5	68.	43.8 <	.005	4. <	.001
360	336.5	25.5	74.2	90.	68.4 <	.005	12. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF: THE WINNEMUCCA DISTRICT, NEVADA DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	J
331	1720.	420.	12.	19.	1. <	1. <	.2	1.0
332	3620.	550.	10.	18.	2. <	1. <	.2	1.0
333	1900.	420.	14.	20.	1. <	1. <	.2	1.2
334	1950.	440.	14.	21.	1. <	1. <	.2	1.2
335	1300.	790.	18.	11.	2. <	1. <	.2	.2
336	980.	740.	14.	16.	2. <	1. <	.2	1.1
337	2130.	470.	18.	20.	1. <	1. <	.2	1.1
338	2120.	390.	14.	20. <	1. <	1. <	.2	1.2
339	1590.	520.	14.	17.	2. <	1. <	.2	.9
340	1890.	490.	14.	20.	2. <	1. <	.2	1.5
341	730.	520.	10.	21.	3. <	1. <	.2	.9
342	1060.	405.	14.	18.	3. <	1. <	.2	1.0
343	3010.	585.	10.	21.	2. <	1. <	.2	.7
344	2820.	490.	16.	17.	3. <	1. <	.2	.7
345	1400.	630.	10.	27.	1. <	1. <	.2	.7
346	3800.	830.	8.	21.	2. <	1. <	.2	.8
347	1010.	840.	14.	10.	3. <	1. <	.2	1.6
348	700.	890.	10.	15.	1. <	1. <	.2	1.4
349	940.	1250.	14.	29. <	1. <	1. <	.2	1.7
350	900.	1250.	14.	21.	1. <	1. <	.2	1.4
351	700.	880.	14.	18.	2. <	1. <	.2	2.4
352	740.	1150.	12.	21. <	1. <	1. <	.2	4.8
353	810.	1100.	14.	25.	1. <	1. <	.2	2.4
354	880.	895.	10.	29. <	1. <	1. <	.2	2.4
355	1100.	390.	18.	21.	1. <	1. <	.2	.4
356	970.	270.	20.	24.	3. <	1. <	.2	.4
357	620.	350.	20.	27.	1. <	1. <	.2	1.5
358	1040.	270.	16.	21.	3. <	1. <	.2	.5
359	1080.	340.	16.	22.	1. <	1. <	.2	.4
360	1100.	440.	15.	25.	2. <	1. <	.2	.3



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	A	
331	4.	
332	6.	
333	2.	
334	< 2.	
335	4.	
336	< 2.	
337	< 2.	
338	< 2.	
339	2.	
340	32.	
341	6.	
342	6.	
343	2.	
344	6.	
345	6.	
346	10.	
347	10.	
348	6.	
349	8.	
350	8.	
351	4.	
352	10.	
353	6.	
354	10.	
355	12.	
356	10.	
357	12.	
358	16.	
359	14.	
360	4.	



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF: THE WINNEMUCCA DISTRICT, NEVADA DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
351	14.62	3.49	2.27	4.37	.88	4.43	.52	.01
352	16.08	3.03	2.42	4.20	.99	4.05	.52	.11
353	15.95	3.75	2.38	4.15	.99	3.89	.48	.09
354	14.90	2.46	2.61	3.53	1.13	3.49	.39	.08
355	15.46	3.04	2.60	2.35	1.31	4.64	.58	.11
356	19.18	6.55	1.46	3.83	1.87	6.58	.80	.01
357	15.75	7.95	1.50	3.21	2.33	5.97	.83	.09
358	16.85	5.80	1.90	4.16	1.94	5.15	.66	.09
369	16.73	5.99	1.59	2.72	3.38	7.89	.89	.13
370	17.23	7.06	1.76	3.68	3.09	7.83	1.07	.12
371	18.08	6.10	1.94	3.87	2.13	6.18	.86	.10
372	17.55	5.97	1.51	2.76	1.82	6.88	.80	.11
373	17.91	5.31	1.81	2.63	1.53	8.65	1.11	.01
374	18.21	5.85	1.73	2.78	1.72	8.31	1.06	.12
375	17.42	6.03	1.61	2.58	2.22	7.98	.93	.01
376	17.13	5.56	1.82	2.73	1.71	8.27	1.05	.02
377	17.46	6.51	1.82	2.83	1.84	8.17	1.01	.01
378	18.00	6.13	2.32	3.23	1.83	7.92	.95	.01
379	17.89	5.74	2.02	2.99	2.14	9.67	1.28	.02
380	17.21	6.06	1.75	3.40	2.42	8.15	1.28	.02
381	18.08	6.33	1.61	3.29	2.77	7.06	.87	.13
382	19.18	6.76	1.95	4.08	1.88	5.63	.80	.10
383	17.04	7.12	1.41	3.23	3.16	8.77	1.35	.01
384	18.12	5.57	1.75	2.86	1.92	8.37	1.02	.01
385	18.45	6.58	1.81	3.55	2.82	8.15	1.06	.02
386	18.03	8.13	.63	3.94	3.59	7.35	.73	.01
387	15.58	7.44	.74	2.76	4.92	15.65	1.90	.02
388	17.10	7.38	1.25	3.12	3.82	8.35	.97	.01
389	15.94	7.70	.95	3.03	4.83	14.43	1.79	.02
390	14.37	8.31	1.10	2.67	3.62	16.08	1.92	.02



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 THE WINNEMUCCA DISTRICT, NEVADA
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CU	CR	CU	NI	P3
361	.29	2.03	6.7	9.	29.6	16.4	25.	25.
362	.27	2.15	5.6	10.	28.2	18.2	24.	10.
363	.26	1.30	5.8	7.	17.9	19.7	22. <	5.
364	.22	1.51	5.5	14.	27.9	20.3	24. <	5.
365	.23	2.06	6.1	12.	44.7	30.6	33.	5.
366	.33	1.16	8.5	24.	38.0	33.5	32. <	5.
367	.33	1.07	9.0	26.	59.2	31.4	36. <	5.
368	.30	1.21	7.3	23.	36.1	41.9	33. <	5.
369	.29	1.48	8.2	25.	76.1	35.2	41. <	5.
370	.33	1.39	9.0	21.	97.7	34.9	41. <	5.
371	.33	1.32	7.8	18.	55.0	32.0	32. <	5.
372	.33	1.37	7.8	14.	37.3	23.1	26.	5.
373	.39	1.63	8.4	18.	57.1	41.1	30.	5.
374	.39	1.57	8.1	15.	57.7	37.1	27. <	5.
375	.37	1.48	8.5	16.	27.6	29.3	25. <	5.
376	.40	1.56	7.7	19.	45.6	35.1	27. <	5.
377	.40	1.50	8.3	20.	36.9	33.1	24.	10.
378	.45	1.59	8.6	21.	35.4	35.0	26.	5.
379	.41	1.74	9.3	24.	70.6	35.7	29. <	5.
380	.45	1.67	8.8	28.	60.9	30.6	31. <	5.
381	.36	1.43	8.5	23.	80.1	33.4	38. <	5.
382	.35	1.34	9.0	13.	65.6	30.2	33. <	5.
383	.38	1.36	10.0	17.	133.2	31.1	42. <	5.
384	.42	1.62	9.3	21.	42.8	38.7	31. <	5.
385	.46	1.47	10.0	22.	85.9	38.1	37. <	5.
386	.24	.95	10.0	21.	53.9	30.3	38. <	5.
387	.67	1.59	10.1	20.	79.5	68.3	38. <	5.
388	.41	1.19	9.1	26.	45.0	51.8	38. <	5.
389	.52	1.55	9.4	18.	57.6	48.0	32. <	5.
390	.38	1.78	9.9	17.	100.7	44.2	34. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF: THE WINNEMUCCA DISTRICT, NEVADA DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE #	SR	TH	V	ZN	ZR	AG	AS	AU
361	330.7	37.9	93.4	114.	63.3 <	.005	2. <	.001
362	357.2	26.1	80.2	120.	75.7 <	.005	4. <	.001
363	473.1	9.4	75.8	73.	98.9 <	.005 <	2. <	.001
364	330.4	16.4	64.4	73.	68.5 <	.005	10. <	.001
365	308.1	22.0	85.6	100.	82.9 <	.005	26. <	.001
366	654.6	11.8	158.6	90.	116.3 <	.005 <	2. <	.001
367	666.6	10.9	150.3	98.	106.4 <	.005 <	2. <	.001
368	769.8	12.3	117.3	85.	100.7 <	.005 <	2. <	.001
369	595.0	16.8	178.6	113.	114.8 <	.005 <	2. <	.001
370	663.8	13.6	195.8	108.	126.1 <	.005 <	2. <	.001
371	732.4	10.7	141.7	93.	129.2 <	.005 <	2. <	.001
372	688.4	11.9	143.1	102.	134.6 <	.005 <	2. <	.001
373	759.2	10.3	226.0	116.	141.5 <	.005 <	2. <	.001
374	759.5	7.4	208.2	110.	141.9 <	.005 <	2. <	.001
375	665.1	10.1	187.6	104.	146.1 <	.005 <	2. <	.001
376	601.0	11.3	198.8	105.	141.5 <	.005 <	2. <	.001
377	742.6	11.4	197.5	104.	139.4 <	.005 <	2. <	.001
378	724.0	16.3	172.2	107.	152.5 <	.005	4. <	.001
379	629.9	16.4	255.4	132.	143.9 <	.005	2. <	.001
380	529.2	19.3	189.3	124.	179.8 <	.005	2. <	.001
381	662.6	12.5	152.5	103.	120.8 <	.005	4. <	.001
382	724.1	13.0	128.1	94.	133.2 <	.005 <	2. <	.001
383	624.9	12.6	241.2	125.	109.8 <	.005 <	2. <	.001
384	650.5	13.2	185.9	113.	145.7 <	.005 <	2. <	.001
385	837.0	11.4	182.4	117.	131.0 <	.005	4. <	.001
386	543.1	6.5	158.4	98.	41.4 <	.005	2. <	.001
387	451.3	8.3	429.3	133.	57.6 <	.005 <	2. <	.001
388	530.6	11.4	192.6	112.	61.7 <	.005	4. <	.001
389	493.4	15.9	372.6	119.	58.0 <	.005	2. <	.001
390	506.7	13.3	468.3	115.	61.6 <	.005	4. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 64

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
351	1030.	295.	16.	28.	1. <	1. <	.2	1.4
352	1060.	470.	16.	34.	2. <	1. <	.2	1.4
353	1280.	370.	14.	19.	1. <	1. <	.2	.5
354	1200.	385.	15.	22.	3. <	1. <	.2	.3
355	1100.	580.	16.	35.	1. <	1. <	.2	.8
366	1240.	370.	12.	13.	1. <	1. <	.2	.3
367	970.	510.	18.	16. <	1. <	1. <	.2	.7
368	1160.	470.	18.	17.	1. <	1. <	.2	.7
369	890.	370.	14.	20. <	1. <	1. <	.2	.5
370	1000.	505.	14.	15.	1. <	1. <	.2	.6
371	1180.	495.	14.	18.	2. <	1. <	.2	.3
372	1220.	440.	14.	17. <	1. <	1. <	.2	.7
373	1270.	480.	14.	15.	1. <	1. <	.2	.6
374	1390.	520.	12.	17.	2. <	1. <	.2	.6
375	1210.	830.	12.	16.	2. <	1. <	.2	.6
376	1420.	480.	8.	16.	1. <	1. <	.2	.7
377	1420.	300.	15.	15.	2. <	1. <	.2	.7
378	1430.	480.	10.	15.	2. <	1. <	.2	.7
379	1530.	450.	15.	17.	2. <	1. <	.2	.7
380	1080.	470.	1414.	24.	2. <	1. <	.2	.5
381	1030.	490.	14.	18.	1. <	1. <	.2	.8
382	1170.	430.	10.	11.	3. <	1. <	.2	.8
383	890.	500.	8.	16.	2. <	1. <	.2	.7
384	1280.	520.	8.	18.	2. <	1. <	.2	.9
385	1150.	550.	10.	14. <	1. <	1. <	.2	.8
386	470.	340.	10.	9.	2. <	1. <	.2	.3
387	490.	520.	12.	13.	2. <	1. <	.2	.7
388	700.	540.	10.	20.	2. <	1. <	.2	.9
389	570.	590.	6.	13.	1. <	1. <	.2	.7
390	640.	520.	8.	16.	3. <	1. <	.2	.3



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# #

351 12.
352 < 2.
353 32.
354 44.
355 < 2.

356 < 2.
357 < 2.
358 < 2.
359 8.
370 6.

371 10.
372 6.
373 8.
374 8.
375 10.

376 10.
377 6.
378 < 2.
379 2.
380 2.

381 4.
382 2.
383 2.
384 14.
385 57.

386 2.
387 16.
388 35.
389 26.
390 4.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 66

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
391	17.23	6.59	1.56	3.40	3.35	8.87	.99	.01
392	16.34	8.53	1.34	3.73	3.20	6.62	.63	.01
393	14.97	6.41	1.49	3.01	2.97	13.11	1.55	.02
394	16.13	5.54	2.07	3.87	2.10	6.02	1.01	.12
395	15.15	5.08	2.15	3.25	2.62	7.96	.93	.01
396	15.86	5.81	2.20	3.45	2.78	7.23	.87	.01
397	11.25	18.56	1.11	2.78	1.92	3.36	.45	.08
398	15.05	8.87	1.46	3.55	3.33	7.88	.94	.01
399	16.84	6.31	1.29	2.80	2.96	7.80	.91	.01
400	15.48	4.46	1.59	2.45	2.15	6.53	.74	.11
401	14.60	5.57	1.63	2.36	2.34	7.23	1.31	.11
402	16.30	4.74	1.87	2.53	2.33	6.50	.89	.10
403	15.90	5.09	1.51	1.96	3.44	7.03	.77	.11
404	16.52	5.30	1.55	2.43	2.18	6.87	.78	.12
405	16.45	5.35	1.70	2.55	2.66	8.93	1.21	.12
406	17.59	6.31	1.33	3.20	1.74	6.46	.67	.12
407	16.56	6.23	1.59	2.47	2.54	7.71	1.04	.11
408	17.57	6.32	2.08	3.33	1.75	6.15	.72	.10
409	17.14	5.84	1.85	2.97	2.05	5.89	.77	.10
410	14.35	2.87	2.20	2.71	1.15	4.00	.50	.09
411	12.39	1.03	3.02	3.33	.17	1.79	.08	.04
412	11.85	7.17	1.95	1.54	1.52	4.10	.55	.05
413	13.78	3.11	2.11	2.48	1.27	4.48	.61	.09
414	14.58	3.47	2.17	2.68	1.26	4.19	.55	.09
415	17.20	4.61	2.17	2.29	2.48	6.93	.82	.11
416	17.17	5.10	1.75	2.27	2.61	7.64	.86	.12
417	16.64	5.58	2.41	2.98	2.43	9.34	1.10	.01
418	16.90	4.93	1.85	2.19	2.39	7.12	.83	.11
419	15.27	9.49	1.85	1.84	2.20	6.16	.72	.07
420	13.11	2.35	2.69	2.86	.86	3.27	.33	.05



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 67

GEOCHEMICAL DATA LISTING

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	P8
391	.34	1.54	8.6	23.	56.0	41.7	37. <	5.
392	.32	1.23	8.0	19.	60.5	23.6	39. <	5.
393	.51	1.70	8.0	11.	79.5	33.4	40. <	5.
394	.58	1.77	6.9	11.	27.4	21.5	23. <	5.
395	.57	1.70	7.3	7.	25.7	27.4	26. <	5.
396	.54	1.59	7.8	5.	27.3	28.8	28.	5.
397	.40	.22	9.7	9.	32.9	19.0	41. <	5.
398	.44	1.42	9.6	16.	45.4	31.1	35. <	5.
399	.37	1.57	8.5	19.	44.0	44.6	31. <	5.
400	.30	1.48	6.6	20.	51.6	38.4	36. <	5.
401	.34	1.51	7.8	25.	85.2	29.5	44. <	5.
402	.33	1.67	7.0	24.	83.5	32.4	44. <	5.
403	.25	1.47	8.3	24.	82.4	33.8	44. <	5.
404	.28	1.61	7.4	27.	72.2	33.5	53.	5.
405	.42	1.74	9.3	25.	46.5	50.6	34. <	5.
406	.37	1.23	7.9	23.	50.9	47.2	46.	10.
407	.38	1.47	8.7	25.	59.5	43.8	37. <	5.
408	.36	1.37	9.3	22.	53.5	38.3	40.	5.
409	.35	1.42	8.5	15.	67.6	29.6	43.	5.
410	.27	1.94	6.1	11.	33.8	19.9	31.	15.
411	.16	1.47	3.3	7.	14.7	15.6	20.	20.
412	.30	1.23	8.6	22.	42.1	29.8	43.	10.
413	.30	1.76	6.4	17.	41.8	24.8	31. <	5.
414	.29	1.74	5.0 <	5.	38.4	23.5	28.	10.
415	.33	1.81	7.2	17.	58.9	33.2	40.	10.
416	.34	1.57	7.4	15.	57.8	35.8	33. <	5.
417	.46	1.75	8.6	11.	65.8	37.8	31.	5.
418	.31	1.59	7.6	9.	58.1	35.4	33.	10.
419	.31	1.45	8.8	15.	50.1	38.7	43.	20.
420	.23	1.43	4.9 <	5.	28.5	20.3	21.	10.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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GEOCHEMICAL DATA LISTING

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
391	515.0	17.2	207.2	113.	70.2 <	.005	2. <	.001
392	557.0	14.3	151.5	88.	64.3 <	.005 <	2. <	.001
393	435.3	46.7	272.3	115.	106.5 <	.005 <	2. <	.001
394	521.1	30.4	114.2	111.	69.9 <	.005 <	2. <	.001
395	456.4	13.9	134.3	129.	63.6 <	.005 <	2. <	.001
396	532.3	18.1	124.9	132.	75.5 <	.005 <	2. <	.001
397	11.0 <	1.0	84.0	77.	55.6 <	.005	4. <	.001
398	468.8	12.7	195.0	110.	61.8 <	.005	18. <	.001
399	475.2	23.9	170.5	102.	111.6 <	.005 <	2. <	.001
400	488.7	14.4	132.5	99.	104.7 <	.005 <	2. <	.001
401	496.7	18.7	173.5	98.	75.6 <	.005 <	2. <	.001
402	494.3	17.7	137.5	98.	81.8 <	.005 <	2. <	.001
403	474.0	15.8	157.0	99.	93.7 <	.005	2. <	.001
404	494.7	22.2	136.7	101.	89.1 <	.005	2. <	.001
405	524.4	19.6	208.9	120.	157.8 <	.005 <	2. <	.001
406	665.9	14.5	124.5	99.	119.3 <	.005	2. <	.001
407	568.1	17.8	170.1	103.	135.3 <	.005 <	2. <	.001
408	658.5	20.4	121.0	88.	120.0 <	.005 <	2. <	.001
409	581.1	15.3	123.2	146.	89.8 <	.005 <	2. <	.001
410	312.4	27.8	67.1	96.	64.8 <	.005 <	2. <	.001
411	175.5	10.0	15.0	34.	22.4 <	.005	4. <	.001
412	386.0	21.1	77.0	104.	76.3 <	.005	2. <	.001
413	317.8	39.9	83.1	101.	74.3 <	.005	4. <	.001
414	361.0	29.8	75.0	90.	72.7 <	.005	2. <	.001
415	501.1	19.5	141.6	101.	114.6 <	.005	2. <	.001
416	511.0	13.1	155.2	109.	134.4 <	.005 <	2. <	.001
417	726.1	14.1	236.3	120.	146.1 <	.005	4. <	.001
418	469.5	8.9	141.1	104.	130.5 <	.005	2. <	.001
419	495.7	8.8	122.0	99.	112.5 <	.005	12. <	.001
420	305.6	10.0	55.0	56.	53.1 <	.005 <	2. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MD	SB	SN	U
391	720.	540.	8.	22.	2. <	1. <	.2	.4
392	690.	560.	10.	16.	1. <	1. <	.2	.9
393	780.	760.	8.	23.	2. <	1. <	.2	1.5
394	820.	820.	12.	29.	2. <	1. <	.2	2.8
395	880.	1000.	12.	40.	4. <	1. <	.2	2.4
396	1000.	950.	12.	41.	2. <	1. <	.2	1.0
397	1340.	690.	12.	111.	3. <	1. <	.2	1.3
398	710.	1100.	6.	13.	3. <	1. <	.2	1.6
399	770.	600.	8.	16.	2. <	1. <	.2	1.3
400	840.	1650.	8.	19.	2. <	1. <	.2	.6
401	830.	600.	8.	22.	2. <	1. <	.2	2.6
402	820.	600.	8.	21.	1. <	1. <	.2	.6
403	820.	440.	10.	27.	3. <	1. <	.2	.8
404	810.	480.	8.	22.	3. <	1. <	.2	.7
405	1010.	560.	12.	14.	2. <	1. <	.2	.9
406	980.	450.	10.	14.	2. <	1. <	.2	.7
407	1000.	455.	10.	16.	3. <	1. <	.2	.9
408	910.	460.	14.	15.	4. <	1. <	.2	.5
409	960.	510.	12.	19.	3. <	1. <	.2	.5
410	890.	500.	14.	33.	3. <	1. <	.2	1.1
411	900.	285.	12.	24.	5. <	1. <	.2	.5
412	900.	540.	14.	29.	2. <	1. <	.2	.7
413	910.	535.	10.	33.	2. <	1. <	.2	.6
414	930.	390.	18.	29.	3. <	1. <	.2	.9
415	920.	480.	16.	24.	2. <	1. <	.2	.7
416	890.	390.	20.	23.	2. <	1. <	.2	.7
417	1320.	500.	16.	16.	4. <	1. <	.4	.8
418	860.	420.	16.	26.	3. <	1. <	.2	.9
419	740.	480.	16.	26.	2. <	1. <	.2	1.1
420	1110.	350.	14.	20.	4. <	1. <	.2	.7



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# W

391 14.
392 8.
393 8.
394 22.
395 < 2.

396 6.
397 < 2.
398 < 2.
399 10.
400 24.

401 8.
402 6.
403 6.
404 6.
405 6.

406 < 2.
407 6.
408 8.
409 6.
410 4.

411 4.
412 12.
413 10.
414 < 2.
415 60.

416 14.
417 < 2.
418 < 2.
419 14.
420 < 2.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
421	16.61	5.71	2.21	3.23	1.95	6.09	.72	.10
422	18.14	6.63	1.42	3.47	2.45	8.68	1.26	.02
423	17.23	6.28	1.58	2.87	2.45	6.85	.97	.02
424	17.41	5.19	2.03	3.59	1.72	5.86	.86	.01
425	15.27	6.01	1.62	2.47	3.18	6.72	.72	.12
426	15.83	7.19	1.63	2.69	2.92	13.95	2.02	.02
427	16.89	6.83	1.82	2.72	2.73	8.49	1.14	.02
428	16.88	6.47	1.70	3.26	2.52	7.75	1.04	.01
429	13.75	7.60	1.21	2.75	3.53	10.68	2.61	.02
430	15.92	4.27	2.17	2.47	2.08	10.24	1.52	.02
431	15.06	5.59	1.54	2.73	2.60	15.28	3.13	.02
432	16.03	4.94	1.93	2.81	2.62	8.19	1.11	.01
433	13.72	8.39	.83	2.81	5.09	17.81	2.66	.02
434	15.26	6.51	1.38	3.03	1.89	7.53	2.08	.12
435	15.11	5.77	2.21	1.95	2.51	5.80	.77	.08
436	14.97	12.34	1.38	3.68	1.59	3.36	.44	.07
437	11.94	9.70	1.66	2.38	2.31	7.87	1.14	.11
438	11.98	12.25	1.38	2.59	1.81	5.41	.87	.09
439	11.25	13.07	1.38	2.59	1.72	5.85	1.00	.10
440	11.60	8.04	1.93	2.16	2.10	5.06	.67	.08
441	12.58	9.54	1.66	2.59	1.78	4.46	.65	.08
442	17.13	7.02	1.66	3.03	3.18	8.72	1.24	.02
443	16.89	5.71	1.10	2.81	3.41	17.22	2.87	.02
444	14.74	13.73	2.21	3.03	3.02	6.05	1.00	.10
445	17.73	8.32	1.93	3.68	2.57	6.94	1.04	.10
446	15.93	8.73	1.38	3.03	3.76	16.66	2.95	.02
447	16.43	9.31	1.66	3.46	2.75	13.10	2.14	.02
448	17.22	8.27	1.66	3.46	2.93	9.41	1.50	.12
449	17.56	5.65	1.38	2.81	3.31	13.24	1.90	.02
450	19.14	5.15	1.10	2.81	2.79	10.81	1.50	.02



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEVUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 72

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PS
421	.37	1.43	8.1 <	5.	31.1	25.7	26. <	5.
422	.38	1.37	9.4	18.	77.2	32.7	39. <	5.
423	.43	1.32	7.2	12.	38.9	24.6	30. <	5.
424	.38	1.47	6.9	15.	28.7	19.0	24. <	5.
425	.31	1.26	8.3	24.	155.4	40.8	105. <	5.
426	.65	1.93	11.2	11.	136.0	41.2	27. <	5.
427	.51	1.52	8.7	21.	71.6	38.4	32. <	5.
428	.52	1.54	9.4	22.	62.0	31.8	29. <	5.
429	1.13	1.59	12.6	24.	94.3	32.5	37. <	5.
430	.59	2.06	10.0	24.	62.0	44.9	34. <	5.
431	.62	2.09	12.8	17.	121.5	39.3	36. <	5.
432	.50	1.99	8.9	12.	67.2	35.9	35. <	5.
433	.35	2.82	11.7	12.	145.0	48.7	34. <	5.
434	.87	1.81	9.5	12.	46.9	39.2	32. <	5.
435	.35	2.04	7.4	19.	48.4	38.5	43. <	15.
436	.34	.83	7.3	9.	30.7	16.5	25. <	5.
437	.41	1.80	11.5	18.	58.4	50.8	59. <	5.
438	.39	1.08	9.9	8.	149.5	32.5	54. <	5.
439	.43	1.00	10.2	8.	53.0	28.5	35. <	10.
440	.31	1.34	7.2	18.	42.1	36.9	39. <	10.
441	.37	1.11	8.6	9.	38.0	29.7	42. <	20.
442	.37	1.69	10.5	20.	100.0	56.7	57. <	10.
443	.25	2.85	10.5	20.	55.8	56.0	58. <	5.
444	.38	1.18	10.8	10.	31.1	37.3	44. <	5.
445	.38	1.49	9.7	11.	73.4	39.5	42. <	5.
446	.40	3.27	13.3	27.	240.7	60.8	61. <	5.
447	.39	2.30	11.5	19.	200.0	46.3	54. <	5.
448	.36	2.10	11.9	22.	151.8	43.1	54. <	10.
449	.37	2.46	8.8	26.	140.0	72.9	60. <	5.
450	.32	2.12	9.5	28.	54.1	61.2	62. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 73

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
421	617.2	9.3	143.9	93.	102.5 <	.005 <	2. <	.001
422	540.8	9.5	206.9	115.	131.8 <	.005 <	2. <	.001
423	629.0	7.5	137.4	101.	145.9 <	.005 <	2. <	.001
424	472.5	19.0	109.5	106.	100.8 <	.005	2. <	.001
425	519.0	14.2	145.1	128.	102.3 <	.005	2. <	.001
426	508.6	33.3	444.6	144.	129.7 <	.005 <	2. <	.001
427	531.7	23.4	221.4	120.	110.2 <	.005	2. <	.001
428	522.2	19.9	195.5	103.	86.7 <	.005	2. <	.001
429	390.5	30.8	287.0	135.	90.9 <	.005 <	2. <	.001
430	429.3	27.5	250.3	141.	131.4 <	.005 <	2. <	.001
431	393.7	38.9	445.7	141.	101.9 <	.005	2. <	.001
432	434.5	17.1	149.0	119.	90.7 <	.005	8. <	.001
433	386.1	27.3	404.8	120.	65.4 <	.005	6. <	.001
434	388.0	22.2	154.5	103.	55.3 <	.005	10. <	.001
435	284.2	26.5	81.3	105.	53.5 <	.005	6. <	.001
436	810.8	5.4	55.7	72.	47.9 <	.005	10. <	.001
437	640.5	17.5	179.9	274.	86.9	.015	44. <	.001
438	743.1	5.4	111.5	132.	68.2 <	.005	14. <	.001
439	805.3	6.7	117.5	112.	67.1 <	.005	18. <	.001
440	509.3	16.4	80.9	96.	58.5	.015	18. <	.001
441	618.7	11.6	74.3	102.	58.9 <	.005	14. <	.001
442	550.9	8.5	155.3	112.	129.5 <	.005	14. <	.001
443	509.3	15.7	373.1	155.	125.5 <	.005	14. <	.001
444	977.5	2.7	123.3	94.	110.1 <	.005	8. <	.001
445	771.9	8.8	138.1	89.	126.5 <	.005	10. <	.001
446	671.8	11.9	489.5	169.	137.8 <	.005	8. <	.001
447	701.9	13.7	326.5	150.	124.4 <	.005	18. <	.001
448	677.2	15.3	233.6	118.	120.1 <	.005	18. <	.001
449	551.3	16.6	280.9	136.	157.3 <	.005	12. <	.001
450	538.8	10.3	218.1	120.	130.9 <	.005	4. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
421	1290.	370.	14.	16.	3. <	1. <	.2	1.1
422	940.	360.	12.	15.	3. <	1. <	.2	.8
423	1000.	460.	14.	19.	1. <	1. <	.2	1.1
424	1120.	570.	15.	19.	2. <	1. <	.2	.6
425	1080.	450.	24.	20.	3. <	1. <	.2	.5
426	890.	670.	28.	15.	4. <	1. <	.2	2.6
427	780.	530.	14.	19.	5. <	1. <	.2	1.4
428	940.	640.	18.	14.	5. <	1. <	.2	1.6
429	690.	1000.	13.	12.	5. <	1. <	.2	4.0
430	1300.	660.	18.	19.	5. <	1. <	.2	1.4
431	770.	700.	28.	16.	5. <	1.	.4	1.4
432	880.	660.	20.	22.	4. <	1. <	.2	1.5
433	490.	600.	20.	12.	3. <	1. <	.2	1.4
434	940.	880.	18.	19.	4. <	1. <	.2	4.4
435	670.	760.	15.	38.	3.	1. <	.2	.9
436	1240.	740.	14.	12.	4.	1. <	.2	.8
437	1540.	480.	8.	18.	18.	5. <	.2	1.4
438	1320.	500.	14.	15.	6. <	1. <	.2	1.2
439	1310.	440.	15.	13.	4. <	1. <	.2	1.4
440	1640.	440.	18.	20.	5. <	1. <	.2	.8
441	1370.	100.	14.	17.	1. <	1. <	.2	.9
442	920.	420.	18.	24. <	1. <	1. <	.2	.8
443	740.	340.	10.	18. <	1. <	1. <	.2	.9
444	1170.	920.	20.	30. <	1. <	1. <	.2	.8
445	1210.	530.	15.	23. <	1. <	1. <	.2	1.0
446	960.	480.	18.	15. <	1. <	1.	.6	.7
447	1140.	460.	16.	18. <	1. <	1. <	.2	.9
448	1010.	380.	15.	17. <	1. <	1. <	.2	.9
449	960.	380.	20.	16.	1. <	1. <	.2	1.0
450	820.	380.	4.	17. <	1. <	1. <	.2	.8



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# #

421 2.
422 < 2.
423 < 2.
424 6.
425 18.

426 4.
427 < 2.
428 6.
429 6.
430 4.

431 6.
432 2.
433 8.
434 14.
435 6.

436 < 2.
437 6.
438 < 2.
439 16.
440 2.

441 < 2.
442 8.
443 22.
444 6.
445 6.

446 6.
447 18.
448 64.
449 10.
450 4.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
451	18.52	8.99	1.55	3.24	2.68	7.76	1.28	.13
452	16.92	6.12	1.10	2.59	3.59	16.58	2.80	.02
453	17.65	7.59	1.10	3.24	4.83	10.36	1.25	.02
454	18.60	5.51	1.10	2.59	4.15	10.95	1.31	.02
455	17.79	5.98	1.10	3.03	3.15	10.96	1.63	.02
456	15.80	7.20	1.38	2.81	4.14	13.93	1.94	.01
457	15.18	6.20	1.56	3.24	3.39	7.56	.80	.01
458	16.86	6.30	1.56	3.24	3.37	7.36	.85	.12
459	16.85	10.56	1.38	3.46	4.12	7.32	1.11	.11
460	16.83	7.55	1.65	3.46	3.26	6.60	.89	.10
461	17.80	7.08	1.38	3.03	4.36	9.35	1.34	.01
462	16.54	7.44	1.65	2.81	3.73	8.91	1.57	.01
463	17.93	7.37	1.65	3.24	3.29	7.79	1.36	.13
464	17.34	8.16	1.38	3.24	3.12	9.79	2.00	.01
465	17.33	7.21	1.93	3.24	2.49	6.25	.88	.09
466	17.82	5.12	1.10	3.46	2.09	14.78	2.58	.02
467	17.36	4.88	1.38	3.68	1.94	16.60	2.91	.02
468	17.08	4.88	1.38	3.46	2.05	14.36	2.43	.02
469	18.03	4.67	1.38	3.46	1.78	10.19	1.82	.02
470	17.43	4.15	1.65	3.89	1.47	10.06	1.85	.02
471	17.23	4.77	1.38	3.68	2.03	14.14	2.31	.02
472	16.38	4.79	1.38	3.68	1.95	13.09	2.17	.02
473	17.97	4.84	1.38	3.46	2.00	14.17	2.31	.02
474	19.07	5.11	1.38	3.89	1.84	9.96	1.37	.03
475	18.30	5.12	1.65	4.11	1.88	10.05	1.40	.03
476	17.87	4.68	1.65	3.68	1.63	9.56	1.46	.02
477	18.09	4.91	1.38	3.89	1.70	9.25	1.36	.02
478	17.28	4.53	1.38	3.24	1.93	9.67	1.58	.02
479	17.67	5.00	1.10	3.68	2.25	15.85	2.52	.02
480	17.79	4.74	1.38	3.24	1.70	13.34	2.46	.02



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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GEOCHEMICAL DATA LISTING

SAMPLE#	P205	BE	CO	CO	CR	CU	NI	PB
451	.37	1.58	9.9	16.	85.8	45.2	45. <	5.
452	.31	2.64	11.2	24.	92.2	61.0	66. <	5.
453	.42	1.59	10.7	27.	60.8	39.9	62. <	5.
454	.39	1.87	10.0	36.	73.3	51.1	71. <	5.
455	.36	1.97	9.6	22.	136.1	61.9	68. <	5.
456	.37	2.10	9.6	16.	105.9	52.2	56. <	5.
457	.40	1.54	8.0	14.	53.9	45.4	32. <	5.
458	.43	1.66	7.6	14.	65.7	41.0	41. <	5.
459	.41	1.26	10.2	14.	163.3	30.4	62. <	5.
460	.38	1.23	8.5	9.	71.2	31.5	48. <	5.
461	.40	1.55	10.5	22.	119.4	52.2	75. <	5.
462	.42	1.56	9.8	25.	210.3	51.0	66. <	15.
463	.38	1.59	9.5	22.	120.4	36.4	62. <	5.
464	.37	1.82	10.8	26.	179.4	47.6	60. <	5.
465	.33	1.39	8.0	19.	65.5	42.5	43. <	5.
466	.34	2.23	10.2	16.	30.2	36.4	30. <	5.
467	.37	2.40	10.5	18.	12.5	34.2	25. <	5.
468	.37	2.11	11.2	17.	19.5	37.9	33. <	5.
469	.36	1.90	11.1	12.	28.3	33.7	31. <	5.
470	.45	1.93	10.5	18.	16.5	32.6	28. <	5.
471	.47	2.31	10.9	17.	9.3	40.1	29. <	5.
472	.43	2.19	10.5	20.	17.7	44.3	31. <	5.
473	.38	2.46	9.9	26.	40.0	56.3	36. <	5.
474	.54	1.98	9.3	38.	5.3	64.7	34. <	5.
475	.58	1.98	9.4	41.	1.0	61.0	37. <	5.
476	.55	2.10	9.4	25.	15.6	57.7	26. <	5.
477	.56	1.87	9.4	23.	9.3	53.9	32. <	5.
478	.39	1.90	9.4	11.	46.1	41.7	27. <	5.
479	.38	2.50	11.7	11.	32.5	46.4	37. <	5.
480	.38	2.28	10.0	6.	49.0	38.9	31. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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GEOCHEMICAL DATA LISTING

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AJ
451	767.4	6.6	170.1	104.	137.7 <	.005	6. <	.001
452	511.2	10.3	358.9	157.	133.4 <	.005	6. <	.001
453	608.3	5.2	182.2	119.	115.0 <	.005	10. <	.001
454	501.0	10.2	181.7	125.	134.5 <	.005	4. <	.001
455	492.6	10.1	232.3	127.	121.9 <	.005	4. <	.001
456	531.5	10.7	262.9	124.	103.7 <	.005	6. <	.001
457	459.1	11.7	125.8	100.	82.6 <	.005 <	2. <	.001
458	546.6	24.7	114.1	110.	99.7 <	.005	4. <	.001
459	746.5	3.2	147.1	101.	100.9 <	.005	6. <	.001
460	674.3	3.9	106.3	98.	109.8 <	.005 <	2. <	.001
461	586.9	9.1	167.3	118.	124.8 <	.005 <	2. <	.001
462	583.9	11.7	159.3	119.	127.9 <	.005 <	2. <	.001
463	609.1	12.1	139.1	133.	126.1 <	.005 <	2. <	.001
464	667.8	12.3	214.1	125.	126.0 <	.005	2. <	.001
465	621.4	12.5	88.3	89.	140.0 <	.005 <	2. <	.001
466	571.9	14.3	253.3	153.	139.5 <	.005 <	2. <	.001
467	585.9	14.3	280.3	173.	139.5 <	.005 <	2. <	.001
468	597.6	14.2	258.5	164.	137.3 <	.005 <	2. <	.001
469	574.9	11.3	169.7	138.	143.7 <	.005 <	2. <	.001
470	551.2	17.3	151.3	141.	167.6 <	.005 <	2. <	.001
471	588.3	16.5	234.5	164.	157.4 <	.005 <	2. <	.001
472	549.4	16.8	216.7	157.	141.4 <	.005 <	2. <	.001
473	604.0	17.5	284.8	164.	146.0 <	.005 <	2. <	.001
474	584.3	17.3	155.1	115.	197.8 <	.005 <	2. <	.001
475	584.0	21.0	158.2	120.	202.0 <	.005 <	2. <	.001
476	585.4	16.7	154.8	128.	183.5 <	.005 <	2. <	.001
477	593.1	14.4	132.7	120.	196.5 <	.005 <	2. <	.001
478	537.9	11.8	161.9	130.	149.8 <	.005 <	2. <	.001
479	612.2	11.2	309.7	160.	143.2 <	.005 <	2. <	.001
480	535.2	12.4	239.3	155.	163.8 <	.005	2. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF
THE WINNELOCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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SEDCHEMICAL ANALYSIS RESULTS

SAMPLE#	BA	F	HC	LI	NU	SE	UN	J
401	1040.	350. <	4.	24. <	1. <	1. <	.0	.8
402	850.	420. <	4.	20. <	1. <	1. <	.0	.5
403	930.	410. <	4.	16. <	1. <	1. <	.0	.0
404	820.	330. <	4.	13. <	1. <	1. <	.0	1.0
405	800.	350.	20.	19. <	1. <	1. <	.0	.5
406	850.	440.	4.	26. <	1. <	1. <	.0	.6
407	930.	610.	20.	20. <	1. <	1. <	.0	.7
408	1050.	540.	36.	27. <	1. <	1. <	.0	.7
409	1210.	560.	20.	22. <	1. <	1. <	.0	.7
410	1050.	540.	22.	17. <	1. <	1. <	.0	.6
411	1040.	520.	20.	20. <	1. <	1. <	.0	.7
412	1060.	720.	20.	15. <	1. <	1. <	.0	.0
413	1020.	520.	20.	23. <	1. <	1. <	.0	.0
414	950.	246.	20.	13. <	1. <	1. <	.0	.6
415	1040.	510.	32.	40. <	1. <	1. <	.0	.7
416	950.	480.	14.	17. <	1. <	1. <	.0	.0
417	1020.	510.	26.	12. <	1. <	1. <	.0	.5
418	950.	550.	18.	16. <	1. <	1. <	.0	.6
419	960.	380.	13.	16. <	1. <	1. <	.0	.9
420	1170.	530.	20.	17. <	1. <	1. <	.0	.9
421	1100.	510.	24.	17. <	1. <	1. <	.0	.9
422	1000.	450.	18.	13. <	1. <	1. <	.0	.8
423	860.	370.	4.	16. <	1. <	1. <	.0	1.0
424	1120.	430.	20.	17. <	1. <	1. <	.0	1.1
425	1210.	550. <	4.	16. <	2. <	1. <	.0	.8
426	1140.	640.	18.	17. <	2. <	1. <	.0	.9
427	1140.	405.	28.	18. <	2. <	1. <	.0	1.0
428	860.	400.	20.	18. <	1. <	1. <	.0	1.0
429	900.	370.	20.	16. <	2. <	1. <	.0	.7
430	950.	430.	14.	22. <	2. <	1. <	1.6	.8



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#

451	4.
452	2.
453	12.
454	< 2.
455	4.
456	< 2.
457	26.
458	2.
459	< 2.
460	< 2.
461	< 2.
462	< 2.
463	8.
464	< 2.
465	4.
466	< 2.
467	< 2.
468	10.
469	4.
470	8.
471	4.
472	4.
473	36.
474	6.
475	83.
476	2.
477	12.
478	6.
479	26.
480	12.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAJ	K2O	NA2O	MGO	FE2O3	TI02	MNO
481	19.13	5.73	1.38	3.46	1.75	9.49	1.66	.12
482	16.73	4.77	1.38	3.03	1.90	17.13	3.18	.02
483	18.16	5.49	1.66	3.89	1.89	9.04	1.57	.02
484	15.59	7.51	1.38	3.03	2.08	16.96	2.89	.02
485	16.71	5.11	1.66	3.89	1.85	11.07	1.67	.02
486	15.85	4.75	1.38	3.68	2.04	19.48	3.38	.03
487	17.42	4.84	1.33	3.89	2.06	10.86	1.68	.02
488	16.58	5.13	1.10	3.68	2.33	18.98	3.16	.02
489	18.03	5.14	1.38	4.54	1.77	8.90	1.41	.02
490	18.29	4.82	1.66	4.32	1.57	8.25	1.34	.02
491	20.41	3.86	1.10	2.59	2.20	10.65	1.45	.02
492	17.67	3.39	1.10	2.59	2.13	11.17	1.64	.02
493	19.26	4.00	1.10	2.59	2.45	12.37	1.86	.02
494	18.56	4.27	1.10	2.59	2.48	10.65	1.42	.02
495	19.24	4.32	1.10	2.59	2.42	10.76	1.46	.02
496	19.01	4.50	1.10	2.81	2.43	10.25	1.41	.02
497	17.82	5.29	1.10	3.03	2.58	10.27	1.50	.02
498	14.99	2.16	2.21	3.03	.99	5.99	1.06	.02
499	12.95	1.34	3.04	3.68	.62	3.96	.56	.02
500	14.86	6.91	1.38	3.89	2.65	7.60	1.04	.01
501	16.17	5.52	1.66	2.59	3.28	7.50	.86	.12
502	13.65	5.37	1.93	2.81	1.77	4.45	.45	.08
503	12.02	5.38	1.93	2.38	1.98	4.28	.46	.07
504	13.63	4.57	1.93	1.95	2.17	6.12	.57	.09
505	12.63	4.75	1.93	1.95	1.99	5.71	.55	.09
506	11.88	6.57	1.66	1.95	1.96	6.18	.49	.10
507	16.98	6.84	1.93	3.46	2.02	6.26	.63	.09
508	15.01	3.24	1.38	3.46	1.69	26.14	5.16	.03
509	16.51	2.81	2.21	4.32	.91	10.64	1.67	.03
510	16.87	3.23	1.93	4.32	1.12	12.00	1.69	.02



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P2O5	BE	CD	CO	CR	CU	NI	PB
481	.42	1.96	9.7	14.	66.7	36.1	34. <	5.
482	.40	2.70	11.3	16.	24.1	45.5	29. <	5.
483	.45	1.77	9.3	15.	40.8	39.2	26. <	5.
484	.47	2.48	11.4	13.	61.9	44.2	31. <	5.
485	.51	2.22	10.5	18.	16.0	30.1	26. <	5.
486	.59	3.06	12.8	7.	4.8	40.0	24. <	5.
487	.48	2.13	11.1	16.	39.3	39.2	31. <	5.
488	.44	2.98	12.1	15.	66.7	50.2	33. <	5.
489	.55	1.77	9.4	15.	22.0	42.7	24. <	5.
490	.44	1.80	9.1	20.	14.4	40.4	25. <	5.
491	.37	2.14	9.1	25.	125.9	75.0	71. <	5.
492	.38	2.10	9.9	28.	129.1	80.5	71. <	5.
493	.41	2.40	11.4	33.	137.5	85.6	80. <	5.
494	.42	2.02	10.2	30.	104.2	75.0	75. <	5.
495	.42	2.06	10.2	27.	126.0	73.2	75. <	5.
496	.39	1.95	9.7	20.	127.3	68.6	70. <	5.
497	.40	1.89	10.5	22.	127.1	70.1	73. <	5.
498	.23	2.22	6.7	12.	50.9	36.6	46. <	5.
499	.15	2.44	4.3	10.	12.5	16.5	14. <	5.
500	.52	1.71	9.1	16.	16.4	40.3	22. <	5.
501	.40	1.72	9.2	25.	25.0	52.0	31. <	5.
502	.30	1.52	8.5	14.	36.2	41.6	41. <	5.
503	.29	1.54	9.1	13.	37.3	37.1	46. <	5.
504	.35	2.33	13.3	11.	95.1	65.1	75. <	5.
505	.34	2.28	13.5	16.	42.5	64.4	79. <	5.
506	.36	2.43	18.5	15.	43.4	78.5	96. <	5.
507	.38	1.69	12.3	8.	39.8	49.3	48. <	5.
508	.45	2.30	15.2 <	5. <	.3	32.0	20. <	5.
509	.44	2.04	10.9	11.	4.3	19.3	22. <	5.
510	.41	1.94	10.7	7.	2.8	19.3	19. <	10.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AJ
481	607.0	12.2	182.7	128.	156.5 <	.005 <	2. <	.001
482	534.1	18.7	297.2	183.	165.0 <	.005	2. <	.001
483	621.7	13.5	156.5	120.	146.5 <	.005 <	2. <	.001
484	580.3	10.4	352.6	178.	135.3 <	.005 <	2. <	.001
485	573.5	17.3	228.2	150.	146.2 <	.005 <	2. <	.001
486	537.0	10.3	409.1	203.	158.7 <	.005	6. <	.001
487	553.4	17.0	204.3	145.	156.2 <	.005	8. <	.001
488	536.1	13.0	394.4	187.	141.5 <	.005	4. <	.001
489	635.3	14.8	130.5	146.	170.2 <	.005	6. <	.001
490	628.4	17.4	116.4	113.	172.4 <	.005 <	2. <	.001
491	402.7	15.8	177.4	126.	167.0 <	.005	8. <	.001
492	386.0	15.2	201.3	129.	163.1 <	.005 <	2. <	.001
493	381.6	15.0	229.9	138.	170.2 <	.005	6. <	.001
494	420.2	14.9	179.1	128.	157.8 <	.005	6. <	.001
495	423.2	13.3	185.4	139.	160.0 <	.005	10. <	.001
496	438.0	9.8	178.6	123.	154.7 <	.005	4. <	.001
497	445.5	7.2	202.2	128.	146.3 <	.005	4. <	.001
498	274.1	21.3	85.6	116.	266.5 <	.005	6. <	.001
499	139.9	28.7	43.2	99.	361.1 <	.005	6. <	.001
500	406.6	31.8	156.0	119.	48.0 <	.005	30. <	.001
501	452.4	26.1	112.4	108.	110.3 <	.005	10. <	.001
502	598.4	14.2	110.1	220.	56.5	.005	4. <	.001
503	506.3	14.6	115.1	207.	53.5	.010	10. <	.001
504	427.1	16.7	222.9	559.	96.7	.025	14. <	.001
505	438.5	18.1	236.1	554.	85.3	.025	24. <	.001
506	408.9	16.5	270.1	748.	77.8	.020	20. <	.001
507	717.3	10.3	148.3	287.	116.7	.010	14. <	.001
508	507.1	22.3	291.9	377.	208.3 <	.005 <	2. <	.001
509	448.1	22.2	117.2	204.	252.6 <	.005	2. <	.001
510	567.2	14.7	131.3	209.	223.7 <	.005	2. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNERUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

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GEOCHEMICAL DATA LISTING B

SAMPLE#	BA	P	HG	LI	NO	IS	SH	U
481	1080.	500.	18.	30.	1. <	1. <	2.0	.7
482	1000.	510.	4.	23.	1. <	1. <	.8	.7
483	1110.	475. <	4.	18.	1. <	1. <	.2	.7
484	1000.	536.	1.	10.	2. <	1. <	.2	4.0
485	1070.	500.	23.	14.	3. <	3. <	.2	.9
486	1130.	533.	8.	15.	1. <	1. <	.2	.6
487	1120.	430.	4.	13.	2. <	1. <	.1	.7
488	760.	400. <	4.	15.	2. <	1. <	.2	.7
489	1200.	500.	1.	14.	1. <	1. <	.2	.6
490	1220.	420.	4.	13.	2. <	1. <	.2	.9
491	870.	300.	8.	21. <	1. <	1. <	.2	1.0
492	880.	290.	6.	20.	1. <	1. <	.2	.9
493	920.	370.	8.	19.	1. <	1. <	.2	.7
494	940.	340.	8.	19. <	1. <	1. <	.2	.6
495	900.	320.	8.	21. <	1. <	1. <	.2	.6
496	840.	280.	4.	19. <	1. <	1. <	.2	.7
497	610.	350.	4.	15. <	1. <	1. <	.2	.6
498	580.	480.	32.	23.	1. <	1. <	.2	1.3
499	380.	500.	15.	27.	1. <	1. <	.2	1.1
500	530.	320. <	4.	17.	1. <	1. <	.2	2.4
501	630.	620. <	4.	22. <	1. <	1. <	.2	3.1
502	2570.	580.	8.	17.	7. <	1. <	.2	1.4
503	2230.	550.	4.	19.	7. <	3. <	.2	.9
504	2100.	820.	12.	22.	18. <	1. <	.2	1.4
505	2280.	620.	8.	21.	22. <	1. <	.2	1.1
506	1940.	530.	4.	22.	31. <	5. <	.2	1.5
507	1470.	440.	4.	14.	16. <	1. <	.2	.9
508	1300.	500.	4.	13.	1. <	1. <	.2	1.2
509	1650.	490.	4.	14.	3. <	1. <	.2	1.4
510	1700.	500. <	4.	14.	1. <	1. <	.2	1.3



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THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# W

481 2.
482 37.
483 46.
484 48.
485 14.

486 15.
487 8.
488 < 2.
489 8.
490 < 2.

491 6.
492 4.
493 12.
494 4.
495 < 2.

496 2.
497 10.
498 10.
499 < 2.
500 2.

501 < 2.
502 < 2.
503 10.
504 8.
505 10.

506 < 2.
507 6.
508 < 2.
509 28.
510 4.



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THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
511	17.38	3.23	2.21	4.75	.93	6.95	1.14	.03
512	17.45	3.11	2.21	4.76	1.04	6.46	1.10	.02
513	19.55	5.54	1.33	3.68	1.44	7.42	1.55	.10
514	17.55	5.45	1.55	3.08	2.63	7.45	.95	.02
515	18.81	8.31	1.10	3.89	3.63	9.47	1.34	.02
516	16.90	4.43	1.10	2.38	1.99	9.99	1.25	.01
517	18.62	5.45	1.10	3.24	1.58	7.38	1.43	.12
518	11.89	1.46	3.59	3.24	.58	3.72	.43	.01
519	14.21	2.41	2.75	2.16	1.21	6.32	.92	.03
520	14.01	3.08	2.75	2.59	1.53	7.79	1.53	.02
521	15.58	4.40	2.48	3.03	2.20	7.62	1.42	.02
522	14.02	4.28	2.43	1.95	2.29	7.31	1.30	.02
523	15.75	3.42	2.46	3.68	1.17	5.73	1.03	.02
524	14.64	3.09	2.21	3.46	1.34	5.79	.93	.01
525	16.82	2.77	3.31	4.32	.69	6.58	1.27	.04
526	15.90	3.00	2.75	3.03	1.25	5.56	.85	.02
527	16.10	3.64	2.21	3.03	1.84	7.38	1.29	.02
528	16.48	2.71	2.21	3.03	1.25	7.33	1.20	.04
529	14.84	2.82	2.21	2.59	1.05	5.29	.34	.02
530	14.43	2.84	3.34	2.15	1.39	7.09	.95	.02
531	15.02	3.27	2.21	3.24	1.52	6.64	1.50	.01
532	16.17	3.23	1.93	3.03	.97	4.73	.78	.02
533	15.16	3.12	2.21	3.24	1.01	5.14	1.16	.02
534	14.12	1.37	3.31	3.68	.59	4.26	.48	.03
535	13.54	1.33	3.85	3.46	.49	4.45	.43	.03
536	12.42	.74	3.85	3.68	.34	3.51	.28	.02
537	15.04	2.49	2.21	2.81	.99	4.93	.78	.02
538	15.42	2.35	2.48	2.81	1.03	5.18	.79	.01
539	14.60	2.48	2.21	2.81	1.02	4.88	.76	.02
540	14.98	2.21	2.43	3.10	1.03	5.54	.91	.02



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GEOCHEMICAL DATA LISTING

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PB
511	.45	1.78	7.4	9.	1.4	16.7	17.	15.
512	.25	1.74	7.1	6.	27.3	18.7	21. <	5.
513	.28	1.54	9.6	10.	115.1	43.7	43. <	5.
514	.37	1.59	9.2	24.	68.1	46.8	89. <	5.
515	.47	1.64	12.0	22.	92.0	69.4	87. <	5.
516	.38	1.67	9.6	19.	116.2	54.4	69. <	5.
517	.33	1.59	9.3	14.	192.1	49.9	50. <	5.
518	.23	2.75	3.7	9.	6.1	19.2	20. <	5.
519	.42	3.55	6.8	11.	10.5	23.4	18. <	5.
520	.41	3.30	7.9	9.	24.1	22.7	23. <	5.
521	.77	1.69	9.2	12.	4.3	18.3	20. <	5.
522	.77	1.54	7.5 <	5.	2.6	15.3	18. <	5.
523	.28	1.86	6.8	12.	29.3	24.5	20.	15.
524	.38	1.66	6.5	7.	21.0	21.6	20. <	5.
525	.54	1.69	7.3	22. <	.8	18.3	25.	15.
526	.28	2.05	5.9	12.	11.8	24.9	20.	25.
527	.48	1.82	7.3	9.	19.3	23.4	25.	10.
528	.51	1.95	7.2	21.	14.8	29.6	31.	15.
529	.32	1.64	6.3 <	5.	26.4	31.4	27. <	5.
530	.39	1.44	6.5 <	5.	10.7	15.6	19. <	5.
531	.23	2.07	7.9	9.	83.5	29.5	36. <	5.
532	.25	2.33	6.2	10.	39.4	33.0	29.	5.
533	.19	2.58	6.6	13.	37.5	24.5	25. <	5.
534	.22	2.69	4.4	25.	27.0	27.9	29.	25.
535	.19	3.26	4.1	30.	25.9	27.6	29.	20.
536	.11	3.03	2.9	15.	5.9	17.3	18.	15.
537	.24	2.00	6.3	14.	43.7	32.8	33. <	5.
538	.26	2.08	6.0	11.	40.6	34.2	28.	15.
539	.27	1.84	5.4	10.	35.7	31.5	25.	15.
540	.24	2.13	5.3	18.	24.5	29.8	24. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
511	514.6	20.2	65.5	134.	252.3 <	.005 <	2. <	.001
512	492.0	15.9	74.3	145.	162.0 <	.005 <	2. <	.001
513	580.2	7.5	130.1	113.	136.5 <	.005 <	2. <	.001
514	520.3	12.2	109.0	147.	130.5 <	.005	2. <	.001
515	676.6	3.6	210.9	116.	128.4 <	.005 <	2. <	.001
516	426.2	6.8	155.3	110.	123.8 <	.005 <	2. <	.001
517	535.5	8.0	162.4	110.	121.4 <	.005 <	2. <	.001
518	136.5	20.0	36.0	97.	211.0 <	.005	12. <	.001
519	229.5	24.2	69.1	139.	230.9 <	.005	8. <	.001
520	276.4	21.2	111.6	141.	211.0 <	.005	10. <	.001
521	408.1	18.1	64.8	126.	179.1 <	.005	2. <	.001
522	429.4	13.5	51.5	109.	166.7 <	.005 <	2. <	.001
523	392.4	19.8	75.5	102.	181.1 <	.005 <	2. <	.001
524	367.9	20.0	64.8	107.	154.3 <	.005 <	2. <	.001
525	346.5	27.1	66.8	118.	202.0 <	.005 <	2. <	.001
526	354.2	22.9	61.6	112.	222.7 <	.005	2. <	.001
527	384.5	17.9	66.7	115.	174.9 <	.005 <	2. <	.001
528	323.3	27.2	71.8	122.	192.1 <	.005	4. <	.001
529	337.7	14.6	52.5	139.	164.0 <	.005 <	2. <	.001
530	300.3	13.1	48.0	122.	153.2 <	.005	2. <	.001
531	436.7	14.7	93.1	113.	199.4 <	.005	2. <	.001
532	433.1	12.5	66.1	93.	187.7 <	.005 <	2. <	.001
533	423.1	20.5	72.8	98.	231.0 <	.005 <	2. <	.001
534	277.5	26.0	55.2	94.	290.4 <	.005 <	2. <	.001
535	199.5	31.6	55.5	99.	363.5 <	.005	6. <	.001
536	80.1	25.5	38.5	95.	325.7 <	.005	4. <	.001
537	326.7	17.3	67.1	139.	194.2 <	.005	2. <	.001
538	306.7	16.3	68.8	125.	207.5 <	.005 <	2. <	.001
539	328.3	14.0	65.6	114.	182.9 <	.005	6. <	.001
540	234.5	23.6	97.9	110.	205.2 <	.005	6. <	.001



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE #	BA	F	HG	LI	MO	SB	SN	J
511	1750.	430.	4.	15. <	1. <	1. <	.2	.5
512	1780.	370. <	4.	17. <	1. <	1. <	.2	.6
513	1230.	265. <	4.	10.	3. <	1. <	.2	.7
514	1230.	275. <	4.	14.	1. <	1. <	.2 <	.2
515	1000.	355. <	4.	11.	2. <	1. <	.2	.2
516	780.	240.	6.	14.	2. <	1. <	.2	.3
517	810.	220.	6.	14.	2. <	1. <	.2	.6
518	1440.	405. <	4.	23.	3. <	1. <	.2	.4
519	2200.	290.	4.	21.	3. <	1. <	.2	1.5
520	3000.	290.	4.	18.	4. <	1. <	.2	.5
521	4510.	840. <	4.	17.	1. <	1. <	.2	.5
522	4230.	840. <	4.	18. <	1. <	1. <	.2	.9
523	1360.	300.	5.	15.	1. <	1. <	.2	.6
524	1750.	470.	6.	17.	1. <	1. <	.2	1.0
525	4210.	430.	4.	14.	1. <	1. <	.2	1.0
526	1650.	400. <	4.	17.	1. <	1. <	.2	.4
527	3070.	640. <	4.	21.	1. <	1. <	.2	2.6
528	3640.	500.	4.	21.	1. <	1. <	.2	1.2
529	1380.	450.	6.	19. <	1. <	1. <	.2	.9
530	1230.	570. <	4.	14.	1. <	1. <	.2	1.1
531	860.	810. <	4.	16. <	1. <	1. <	.2	.9
532	910.	260.	4.	19. <	1. <	1. <	.2	.8
533	780.	320.	4.	18.	1. <	1. <	.2	.7
534	1030.	500. <	4.	18.	1. <	1. <	.2	.9
535	980.	510.	6.	22.	2. <	1. <	.2	.7
536	420.	320. <	4.	18.	1. <	1. <	.2	.4
537	800.	345.	6.	23. <	1. <	1. <	.2	1.1
538	560.	295.	10.	24.	2. <	1. <	.2	.5
539	780.	290.	12.	22.	1. <	1. <	.2	.9
540	760.	260.	4.	24.	3. <	1. <	.2	.7



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# W

511 4.
512 < 2.
513 8.
514 4.
515 6.

516 8.
517 6.
518 16.
519 8.
520 12.

521 6.
522 < 2.
523 10.
524 < 2.
525 < 2.

526 6.
527 36.
528 36.
529 6.
530 6.

531 6.
532 6.
533 6.
534 8.
535 2.

536 4.
537 < 2.
538 < 2.
539 4.
540 6.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
541	15.82	2.05	2.28	2.69	.86	4.92	.81	.12
542	15.06	2.10	3.51	2.47	.80	3.72	.50	.11
543	12.75	.80	3.79	3.48	.38	3.51	.34	.03
544	16.25	5.08	3.14	3.98	1.37	4.47	.94	.09
545	15.15	4.30	2.62	2.71	1.58	5.59	.88	.01
546	14.29	5.55	2.10	2.47	2.09	8.29	2.10	.02
547	15.42	4.68	2.81	3.29	1.31	4.15	.68	.10
548	16.08	4.20	3.02	3.62	1.44	4.32	.79	.09
549	16.30	3.18	3.28	3.81	1.09	3.64	.55	.10
550	15.62	2.85	2.21	3.33	1.37	6.37	1.15	.02
551	14.00	.80	4.80	3.52	.32	3.50	.33	.12
552	14.89	1.11	5.06	3.19	.41	3.72	.41	.02
553	16.19	2.57	2.55	2.92	1.07	7.18	1.29	.02
554	14.45	1.31	3.88	3.68	.54	4.08	.45	.13
555	15.44	1.90	2.83	3.37	.95	5.40	.77	.02
556	16.17	1.59	3.50	3.23	.65	5.05	.66	.01
557	14.97	2.04	2.71	3.19	1.05	6.07	.97	.01
558	15.00	2.51	2.74	3.33	1.05	4.94	1.03	.13
559	15.93	3.32	3.05	2.87	1.17	4.37	.74	.12
550	16.63	3.40	2.27	3.46	1.19	5.36	1.22	.02
561	14.57	2.32	1.95	2.29	1.09	3.89	.51	.02
562	16.17	3.14	3.31	2.95	.85	4.27	.84	.09
563	15.94	2.79	2.47	2.63	1.01	4.12	.65	.11
564	17.17	3.45	2.13	3.09	1.21	4.63	.76	.02
565	15.87	3.89	2.23	3.02	1.21	4.37	.85	.02
566	14.48	2.75	2.52	2.23	1.40	4.70	.77	.01
567	16.24	4.00	2.07	3.35	1.72	5.40	1.01	.02
568	16.67	3.63	2.29	3.50	1.29	4.87	.97	.02
569	14.19	2.86	2.52	2.94	1.39	5.91	1.48	.01
570	13.51	1.68	4.03	2.28	1.04	7.53	3.98	.01



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PB
541	.28	2.03	4.7	11.	30.4	36.9	25.	15.
542	.20	2.68	3.9	9.	12.5	24.8	77.	20.
543	.15	2.99	1.5	30.	10.6	25.0	18.	15.
544	.26	1.96	6.0	8.	25.0	15.5	21.	10.
545	.30	2.27	5.7	11.	1.7	20.4	20.	10.
546	.33	1.97	8.7	13.	14.5	20.3	22.	5.
547	.23	1.74	6.0	6.	2.9	13.8	19. <	5.
548	.27	2.01	5.7	9.	22.7	17.3	25. <	5.
549	.23	2.23	5.2	17.	12.6	19.4	21.	15.
550	.23	2.31	7.2	19.	19.0	28.6	28.	10.
551	.15	3.42	3.8	13.	1.1	17.5	15.	20.
552	.18	4.02	4.9	14. <	.8	16.0	17.	15.
553	.25	3.35	7.6	12.	24.9	30.8	27.	10.
554	.20	3.22	3.9	9.	3.2	20.7	19.	20.
555	.24	2.57	4.8	20.	16.0	26.1	26.	15.
556	.21	2.92	4.5	14.	5.8	22.9	18.	15.
557	.23	2.54	5.1	17.	18.6	26.9	24.	10.
558	.19	2.25	4.8	17.	14.2	21.2	24.	15.
559	.26	2.59	6.7	8.	6.2	18.6	19.	15.
560	.25	2.19	6.6	22.	27.1	30.3	26.	10.
561	.24	2.79	4.8	15.	9.0	18.4	19.	40.
562	.27	2.13	5.0	15.	4.7	22.5	18.	15.
563	.29	2.14	4.9	10.	6.9	23.6	21.	10.
564	.28	1.84	5.9	12.	11.4	24.6	23.	10.
565	.32	2.04	6.4	20.	12.0	19.5	24.	10.
566	.25	2.58	5.7	13.	7.7	20.9	20.	20.
567	.28	1.79	6.2	20.	24.1	23.5	26.	10.
568	.24	1.88	6.1	26.	35.9	25.2	25.	10.
569	.19	2.02	6.4	22.	35.5	22.9	22.	10.
570	.19	2.75	8.8	22.	3.6	23.3	21.	15.



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
541	242.8	20.8	83.5	113.	207.1 <	.005	6. <	.001
542	241.0	30.8	50.6	119.	309.7 <	.005 <	2. <	.001
543	89.7	36.5	55.5	136.	299.7 <	.005	6. <	.001
544	508.1	19.4	73.4	89.	172.4 <	.005	10. <	.001
545	355.1	25.0	93.8	85.	185.8 <	.005	24. <	.001
546	337.1	19.5	153.8	104.	156.5	.025	20. <	.001
547	466.4	18.5	68.2	70.	142.0 <	.005	20. <	.001
548	441.2	20.3	71.3	91.	166.7 <	.005	6. <	.001
549	373.5	27.5	58.7	95.	153.0 <	.005	4. <	.001
550	312.4	27.0	120.9	122.	206.1 <	.005	4. <	.001
551	77.2	36.5	33.4	131.	388.3 <	.005	10. <	.001
552	109.6	37.9	40.7	152.	440.7 <	.005	8. <	.001
553	294.0	26.0	131.8	176.	275.6 <	.005	6. <	.001
554	141.1	32.8	50.1	133.	342.3 <	.005	6. <	.001
555	221.3	26.3	88.1	118.	244.9 <	.005	14. <	.001
556	176.0	35.3	68.0	143.	352.7 <	.005	2. <	.001
557	227.9	31.9	101.7	136.	266.0 <	.005	6. <	.001
558	274.2	30.9	81.5	116.	233.4 <	.005	18. <	.001
559	321.4	22.7	60.9	118.	266.0 <	.005	6. <	.001
560	408.5	26.0	101.1	110.	208.4 <	.005	2. <	.001
561	357.6	37.3	50.0	161.	345.8 <	.005	10. <	.001
562	306.1	29.1	71.5	103.	235.4 <	.005	6. <	.001
563	308.2	23.5	67.0	92.	219.9 <	.005	26. <	.001
564	386.9	18.3	76.3	91.	191.0 <	.005	24. <	.001
565	416.5	23.0	74.3	97.	181.7 <	.005	24. <	.001
566	281.0	25.2	70.9	102.	239.1 <	.005	18. <	.001
567	402.6	26.5	93.5	93.	160.2 <	.005	6. <	.001
568	404.0	31.6	91.1	91.	180.4 <	.005 <	2. <	.001
569	283.7	30.8	108.7	101.	194.4 <	.005	2. <	.001
570	166.5	43.3	100.4	170.	321.6 <	.005	26. <	.001



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
541	830.	260.	6.	26.	4. <	1. <	.2	.6
542	630.	520.	4.	15.	3. <	1. <	.2	1.1
543	740.	260.	6.	21.	4. <	1. <	.2	.8
544	1440.	500. <	4.	20.	2. <	1. <	.2	.7
545	1060.	550. <	4.	19.	4. <	1. <	.2	1.4
546	1150.	520. <	4.	21.	3. <	1. <	.2	1.3
547	1330.	460. <	4.	18.	3. <	1. <	.2	1.0
548	1260.	460. <	4.	22.	3. <	1. <	.2	.5
549	1140.	420. <	4.	20.	4. <	1. <	.2	.4
550	650.	180.	6.	17.	2. <	1. <	.2	.6
551	370.	490. <	4.	23.	6. <	1. <	.2	.3
552	540.	560.	4.	21.	5. <	1. <	.2	.6
553	720.	340.	6.	20.	4. <	1. <	.2	1.1
554	450.	490.	4.	24.	4. <	1. <	.2	.7
555	570.	255.	4.	28.	3. <	1. <	.2	.4
556	530.	640.	6.	27.	4. <	1. <	.2	.5
557	610.	390.	6.	24.	2. <	1. <	.2	.4
558	640.	390.	5.	22.	3. <	1. <	.2	.8
559	760.	540.	5.	20.	3. <	1. <	.2	.5
560	1100.	265.	5.	19.	2. <	1. <	.2	1.3
561	840.	400.	10.	16.	3. <	1. <	.2	2.6
562	1100.	405.	5.	13.	5. <	1. <	.2	.6
563	1030.	440.	5.	18.	4. <	1. <	.2	.6
564	1100.	390.	5.	21.	3. <	1. <	.2	.8
565	1160.	340.	8.	17.	3. <	1. <	.2	.8
566	740.	490.	12.	22.	6. <	1. <	.2	1.0
567	1110.	280.	5.	20.	4. <	1. <	.2	.7
568	300.	280.	6.	20.	2. <	1. <	.2	1.3
569	710.	350.	6.	19.	3. <	1. <	.2	.4
570	580.	440.	10.	15.	7. <	1. <	.2	.6



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	W
541	4.
542	10.
543	8.
544	4.
545 <	2.
546	2.
547	16.
548	8.
549	2.
550 <	2.
551 <	2.
552 <	2.
553	12.
554	10.
555	2.
556	4.
557	2.
558	6.
559	6.
560	24.
561	2.
562 <	2.
563 <	2.
564	10.
565 <	2.
566	2.
567	5.
568	4.
569 <	2.
570	8.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
571	15.05	2.03	3.25	2.48	.93	3.76	.57	.08
572	14.68	1.32	2.55	2.42	1.14	4.46	.32	.12
573	12.90	.54	4.55	3.27	.34	2.43	.23	.10
574	15.01	2.96	2.26	2.25	1.86	7.23	1.29	.12
575	15.26	3.25	2.49	2.86	1.77	7.86	1.91	.02
576	14.39	1.44	2.57	1.84	.69	3.27	.38	.06
577	13.53	1.75	2.50	2.07	.83	3.64	.51	.07
578	16.10	4.11	1.89	3.43	1.81	8.14	2.46	.02
579	12.97	1.78	2.12	1.91	.73	3.47	.52	.06
580	14.60	4.26	2.85	3.40	1.60	6.64	1.49	.12
581	15.36	4.29	3.06	3.61	1.70	6.31	1.33	.11
582	15.75	3.96	2.89	3.57	1.75	4.23	.69	.10
583	14.56	3.16	2.62	3.36	1.80	10.37	3.13	.02
584	14.51	2.35	3.60	4.33	.47	3.58	.42	.01
585	16.91	3.09	3.58	4.14	1.13	3.58	.51	.10
586	15.85	2.47	3.91	3.85	.37	3.05	.41	.08
587	15.65	2.94	3.77	3.41	.95	2.97	.38	.08
588	15.25	4.06	2.85	3.41	1.63	8.81	2.80	.02
589	16.91	4.07	3.14	3.94	1.51	5.35	1.16	.10
590	16.43	4.04	3.08	4.07	1.52	6.19	1.51	.12
591	15.69	4.66	2.53	3.68	2.15	9.68	3.04	.02
592	17.45	7.53	1.01	3.14	4.88	11.27	2.07	.02
593	17.35	6.03	1.36	3.43	3.19	15.90	3.04	.02
594	17.10	6.04	1.56	3.02	2.76	8.49	1.61	.01
595	17.80	6.71	1.35	3.41	2.90	9.06	1.72	.02
596	16.77	4.27	1.64	2.59	1.74	7.33	1.11	.12
597	19.77	4.29	1.19	2.75	2.12	8.76	1.28	.01
598	17.37	5.41	1.61	3.15	2.00	7.22	1.09	.12
599	18.62	5.20	1.56	3.08	2.17	7.64	1.14	.02
600	17.72	4.99	1.14	2.57	2.81	9.27	1.53	.02



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CO	CO	CR	CU	NI	P3
571	.18	2.42	4.9	14.	10.1	18.2	18.	20.
572	.19	3.48	4.6	14.	7.3	22.5	25.	30.
573	.12	3.28	4.0	16.	2.5	14.6	13.	30.
574	.31	2.59	6.8	11.	8.9	27.7	23.	10.
575	.27	2.36	7.7	16.	20.9	25.2	24.	5.
576	.17	1.93	3.8 <	5.	3.7	15.5	18.	15.
577	.21	2.11	4.2 <	5.	9.6	19.6	18.	15.
578	.30	1.83	8.4	9.	21.7	23.9	23. <	5.
579	.23	1.91	4.4	10.	13.6	22.7	21.	10.
580	.28	1.91	7.8	11.	25.0	18.8	23. <	5.
581	.28	2.00	6.9	15.	27.0	17.9	24. <	5.
582	.24	1.87	5.7	10.	22.5	16.9	23.	10.
583	.28	2.53	10.2	16.	32.1	26.6	31. <	5.
584	.28	2.41	4.0 <	5.	2.7	15.1	14.	10.
585	.24	2.90	4.8 <	5.	8.2	14.0	21.	10.
586	.21	3.82	4.0	6.	5.9	13.3	17.	20.
587	.21	3.45	3.1 <	5.	2.9	13.8	19.	15.
588	.30	2.64	8.5	14.	62.9	24.7	28.	10.
589	.26	2.29	5.7	9.	29.9	18.9	28.	5.
590	.28	2.31	5.5	11.	35.2	19.4	24.	10.
591	.33	2.52	9.4	17.	82.1	25.1	33.	10.
592	.54	2.11	9.6	25.	178.6	73.8	78. <	5.
593	.49	3.14	9.0	22.	54.5	72.0	61. <	5.
594	.47	1.93	9.0	14.	106.6	47.1	60. <	5.
595	.49	1.94	9.1	19.	117.8	55.3	67.	5.
596	.51	1.81	5.7	6.	72.1	60.8	48. <	5.
597	.50	2.12	6.9	19.	67.2	74.2	64. <	5.
598	.46	1.77	6.5	20.	67.1	57.8	52. <	5.
599	.49	1.81	6.1	19.	68.9	64.4	58. <	5.
500	.35	2.04	7.6	25.	175.7	46.6	72. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
571	217.0	34.0	50.1	108.	312.0 <	.005	28. <	.001
572	118.6	46.8	34.3	164.	421.8 <	.005	6. <	.001
573	57.7	45.4	19.4	89.	370.7 <	.005	18. <	.001
574	282.6	23.0	118.7	142.	231.0 <	.005	4. <	.001
575	315.3	25.8	150.7	132.	217.0 <	.005	12. <	.001
576	158.8	25.1	36.0	104.	340.5 <	.005	90. <	.001
577	194.8	18.1	48.5	109.	260.4 <	.005 <	2. <	.001
578	429.1	13.8	158.9	137.	170.3 <	.005	4. <	.001
579	203.2	23.0	54.8	130.	229.7 <	.005	10. <	.001
580	391.9	23.1	98.5	117.	184.2 <	.005 <	2. <	.001
581	400.7	25.0	99.4	106.	185.9 <	.005 <	2. <	.001
582	393.9	26.1	76.0	85.	121.0 <	.005 <	2. <	.001
583	352.4	37.9	192.2	170.	206.4 <	.005 <	2. <	.001
584	229.0	21.8	25.3	93.	222.0 <	.005 <	2. <	.001
585	376.9	20.1	47.5	107.	179.4 <	.005 <	2. <	.001
586	302.9	25.8	38.3	130.	203.9 <	.005 <	2. <	.001
587	346.0	22.5	36.1	97.	191.2 <	.005 <	2. <	.001
588	446.0	33.3	187.8	148.	175.5 <	.005 <	2. <	.001
589	485.1	21.8	99.8	106.	167.9 <	.005 <	2. <	.001
590	481.1	31.0	118.2	111.	173.5 <	.005 <	2. <	.001
591	481.3	30.5	222.4	147.	153.6 <	.005 <	2. <	.001
592	465.1	7.0	332.5	129.	123.6 <	.005 <	2. <	.001
593	541.1	10.6	472.1	175.	148.4 <	.005 <	2. <	.001
594	495.5	8.3	246.7	132.	115.1 <	.005	4. <	.001
595	562.1	6.6	287.5	129.	116.6 <	.005	4. <	.001
596	425.6	5.9	155.6	137.	128.9 <	.005	2. <	.001
597	453.7	10.8	175.5	125.	146.7 <	.005	4. <	.001
598	475.9	13.9	160.8	104.	153.0 <	.005	2. <	.001
599	517.4	11.6	162.3	114.	132.5 <	.005	2. <	.001
600	374.0	15.3	206.1	118.	148.7 <	.005	4. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
571	590.	485.	42.	25.	6.	6. <	.2	.8
572	550.	600.	8.	17.	6. <	1. <	.2	4.2
573	450.	480.	6.	18.	9. <	1. <	.2	1.1
574	900.	600.	14.	26.	5.	3. <	.2	1.0
575	880.	430.	10.	20.	4. <	1. <	.2	1.5
576	450.	1100.	108.	19.	5.	8. <	.2	1.6
577	620.	580.	14.	15.	3. <	1. <	.2	1.2
578	1050.	380.	8.	10.	2. <	1. <	.2	1.4
579	750.	340.	18.	19.	2. <	1. <	.2	2.4
580	1520.	480. <	4.	21.	2. <	1. <	.2	.8
581	1680.	460. <	4.	20. <	1. <	1. <	.2	.5
582	1110.	465. <	4.	25.	1. <	1. <	.2	.7
583	1000.	465. <	4.	20.	1. <	1. <	.2	1.7
584	1180.	480. <	4.	16.	2. <	1. <	.2	.9
585	1110.	660.	4.	25.	2. <	1. <	.2	.3
586	900.	820. <	4.	29.	2. <	1. <	.2	.4
587	930.	620. <	4.	17.	1. <	1. <	.2	.8
588	1100.	400. <	4.	17. <	1. <	1. <	.2	.8
589	1100.	460. <	4.	20.	1. <	1. <	.2	.6
590	1140.	290. <	4.	21.	1. <	1. <	.2	.6
591	1210.	380. <	4.	16.	2. <	1. <	.2	.5
592	810.	390. <	4.	11. <	2. <	1. <	.2	.3
593	910.	390.	4.	16.	1. <	1. <	.2	.3
594	1030.	350.	10.	21. <	1. <	1. <	.2	.5
595	1060.	330.	6.	15. <	1. <	1. <	.2 <	.2
596	940.	375.	6.	19. <	1. <	1. <	.2	.7
597	1050.	315.	6.	18. <	1. <	1. <	.2	.7
598	980.	360. <	4.	19.	1. <	1. <	.2	.4
599	1050.	385.	6.	20. <	1. <	1. <	.2	.5
600	940.	270.	6.	14.	1. <	1. <	.2	.9



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# A

571 4.
572 36.
573 34.
574 6.
575 6.

576 4.
577 12.
578 6.
579 4.
580 2.

581 20.
582 26.
583 2.
584 8.
585 10.

586 6.
587 22.
588 6.
589 2.
590 28.

591 22.
592 10.
593 18.
594 < 2.
595 2.

596 2.
597 < 2.
598 < 2.
599 33.
600 4.



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THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
501	17.40	7.50	.95	2.98	5.07	10.11	1.36	.02
502	18.56	6.31	1.07	3.03	3.33	10.04	1.93	.02
503	17.47	5.90	.93	2.74	3.90	10.71	1.87	.02
504	18.29	4.93	1.23	3.04	1.92	8.19	1.44	.02
505	16.03	4.55	1.57	2.58	2.59	7.55	1.12	.01
506	15.75	5.87	.99	2.96	3.30	10.97	2.57	.02
507	15.35	2.98	2.19	3.45	1.27	6.21	1.58	.02
508	15.84	3.38	2.13	3.69	.93	4.09	.93	.13
509	15.51	2.67	2.16	2.74	1.13	5.25	1.06	.11
510	15.29	3.30	2.12	3.52	1.26	6.74	1.61	.03
511	16.67	3.20	2.25	3.30	1.09	5.26	1.18	.10
512	15.67	2.82	2.20	2.76	1.08	5.74	.90	.02
513	16.40	2.60	1.84	2.72	1.09	5.59	1.05	.12
514	16.72	3.90	2.05	3.41	1.09	7.89	1.83	.02
515	17.15	3.78	2.04	3.44	1.16	6.70	1.44	.02
516	16.36	3.25	2.23	2.59	1.02	6.15	1.01	.02
517	18.09	4.35	1.89	3.48	1.60	7.57	1.58	.01
518	16.99	4.69	2.03	3.58	1.73	7.24	1.70	.01
519	17.65	3.82	2.08	3.41	1.28	7.10	1.51	.01
520	16.96	2.68	2.08	2.99	.99	6.32	1.25	.02
521	16.70	3.74	1.83	3.14	1.30	5.90	1.13	.12
522	15.12	3.06	2.78	3.48	.78	6.78	.90	.06
523	14.19	2.14	2.17	3.04	.67	3.32	.65	.06
524	14.22	2.54	1.92	2.79	1.15	6.70	1.39	.02
525	15.03	2.70	2.02	3.07	1.04	4.82	.88	.01
526	15.45	2.70	1.57	2.43	1.47	7.20	1.40	.01
527	13.84	2.53	2.02	3.07	1.45	6.76	1.24	.02
528	14.21	2.90	1.82	3.14	1.60	9.82	2.68	.02
529	14.34	2.34	1.91	2.59	1.37	6.13	1.27	.10
530	15.60	1.85	3.98	4.28	.70	5.77	.87	.03



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PB
601	.42	1.74	8.9	34.	141.8	48.4	90. <	5.
602	.36	2.22	9.8	38.	193.0	51.6	74. <	5.
603	.39	2.05	10.4	28.	155.0	54.6	102. <	5.
604	.43	1.93	8.2	20.	131.7	48.5	65. <	5.
605	.37	1.54	7.4	25.	171.2	49.2	83. <	5.
606	.37	2.15	10.5	24.	251.4	44.4	77. <	5.
607	.23	2.23	6.8	23.	48.8	28.5	35. <	5.
608	.24	1.93	5.1	16.	42.4	25.0	27. <	5.
609	.28	2.03	5.3	16.	45.0	39.6	34. <	5.
610	.23	2.24	6.8	27.	57.0	28.9	36. <	5.
611	.27	2.06	5.9	12.	54.8	37.6	31. <	5.
612	.36	2.21	5.8	29.	49.1	40.7	46. <	5.
613	.26	2.51	5.9	13.	30.8	31.0	36. <	5.
614	.36	2.17	8.5	27.	48.8	38.3	38. <	5.
615	.34	2.02	7.0	22.	79.1	39.9	41. <	5.
616	.36	2.58	5.6	24.	25.9	36.2	33. <	10.
617	.38	2.06	7.8	27.	139.0	44.8	45. <	5.
618	.41	1.96	8.6	30.	177.9	42.9	51. <	5.
619	.40	2.18	7.0	27.	165.8	45.7	55. <	5.
620	.32	2.42	6.1	21.	103.4	41.1	41. <	5.
621	.28	1.56	6.1	16.	56.2	36.0	37. <	5.
622	.47	2.39	5.7	33.	27.5	48.4	52. <	5.
623	.12	2.15	3.6	12.	13.7	16.9	16. <	5.
624	.22	1.99	5.9	22.	35.5	31.9	28. <	5.
625	.19	2.09	5.1	16.	30.4	29.4	24. <	5.
626	.17	1.98	6.5	14.	50.3	34.3	33. <	15.
627	.22	1.95	5.9	12.	22.9	25.2	23. <	10.
628	.22	2.00	8.9	13.	47.0	31.2	29. <	5.
629	.19	1.94	5.9	11.	33.9	25.4	26. <	5.
630	.25	2.04	4.3	10.	6.5	19.1	20. <	20.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
601	343.7	9.5	228.1	113.	128.5 <	.005	4. <	.001
602	442.2	16.0	303.8	119.	120.2 <	.005	4. <	.001
603	387.8	10.6	253.2	137.	134.6 <	.005	4. <	.001
604	452.2	8.5	210.6	114.	136.5 <	.005	6. <	.001
605	358.0	9.2	163.2	113.	114.5 <	.005	14. <	.001
606	416.5	12.8	330.7	143.	121.0 <	.005	6. <	.001
607	370.2	24.2	134.3	106.	210.4 <	.005	2. <	.001
608	440.3	20.1	83.4	79.	183.7 <	.005	2. <	.001
609	352.5	20.1	110.2	90.	197.5 <	.005	4. <	.001
610	385.5	27.6	154.6	116.	186.4 <	.005 <	2. <	.001
611	420.9	18.4	115.6	90.	196.7 <	.005 <	2. <	.001
612	394.6	19.9	115.6	101.	213.8 <	.005	4. <	.001
613	370.2	20.2	108.1	140.	253.4 <	.005	6. <	.001
614	506.4	21.0	175.0	122.	189.1 <	.005 <	2. <	.001
615	525.1	19.6	140.6	111.	182.3 <	.005	2. <	.001
616	406.5	25.7	98.9	123.	275.4 <	.005 <	2. <	.001
617	549.0	21.9	175.3	110.	170.5 <	.005 <	2. <	.001
618	593.8	22.8	183.7	98.	165.4 <	.005 <	2. <	.001
619	511.6	21.4	177.0	105.	186.4 <	.005	2. <	.001
620	359.0	19.5	149.3	106.	211.9 <	.005 <	2. <	.001
621	492.3	12.5	106.2	98.	173.4 <	.005 <	2. <	.001
622	413.7	28.3	170.5	84.	226.5 <	.005	2. <	.001
623	266.6	17.8	58.7	75.	203.8 <	.005 <	2. <	.001
624	312.5	21.4	136.0	117.	186.4 <	.005	2. <	.001
625	335.7	13.6	87.6	97.	191.8 <	.005	2. <	.001
626	298.1	15.6	137.6	107.	187.4 <	.005 <	2. <	.001
627	314.8	14.2	134.4	114.	180.6 <	.005 <	2. <	.001
628	347.9	14.2	211.2	143.	169.3 <	.005 <	2. <	.001
629	259.2	12.5	108.6	103.	179.3 <	.005 <	2. <	.001
630	234.1	16.8	75.0	104.	229.2 <	.005 <	2. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SD	SN	U
601	920.	295. <	4.	12.	1. <	1. <	.2 <	.2
602	840.	250. <	4.	15.	1. <	1. <	.2	.5
603	940.	220. <	4.	12.	2. <	1. <	.2	.2
604	970.	250.	5.	15.	3. <	1. <	.2	.3
605	860.	250.	4.	16.	2. <	1. <	.2 <	.2
606	910.	230. <	4.	13.	2. <	1. <	.2 <	.2
607	750.	370.	4.	22.	1. <	1. <	.2	.6
608	730.	260.	4.	20.	2. <	1. <	.2	.4
609	1000.	300.	5.	20.	2. <	1. <	.2	2.6
610	790.	310.	4.	21.	2. <	1. <	.2	1.0
611	1270.	310.	4.	18.	4. <	1. <	.2	1.3
612	1190.	270.	4.	18.	2. <	1. <	.2	1.8
613	770.	440.	2b.	22.	3. <	1. <	.2	1.5
614	1240.	305.	4.	12.	2. <	1. <	.2	1.3
615	1140.	350. <	4.	16.	2. <	1. <	.2	5.2
616	1000.	495.	4.	10.	2. <	1. <	.2	1.7
617	1100.	270. <	4.	14.	2. <	1. <	.2	.4
618	1310.	260.	4.	13.	2. <	1. <	.2	1.1
619	1220.	340.	4.	17.	3. <	1. <	.2	.9
620	930.	285.	6.	24.	3. <	1. <	.2	1.4
621	1120.	290.	4.	17.	3. <	1. <	.2	1.1
622	1880.	360. <	4.	14.	5. <	1. <	.2	.6
623	500.	340.	4.	22.	2. <	1. <	.2	1.0
624	730.	270.	6.	24.	3. <	1. <	.2	1.1
625	760.	320.	4.	23.	1. <	1. <	.2	1.1
626	690.	260. <	4.	26.	3. <	1. <	.2	.3
627	780.	270.	6.	22.	2. <	1. <	.2	.6
628	780.	220.	6.	20.	2. <	1. <	.2	.7
629	2090.	270.	4.	23.	2. <	1. <	.2	1.1
630	1430.	365.	4.	20.	3. <	1. <	.2	.7



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# #

601 12.
602 2.
603 < 2.
604 6.
605 < 2.

606 < 2.
607 4.
608 8.
609 4.
610 2.

611 10.
612 6.
613 < 2.
614 5.
615 4.

616 8.
617 6.
618 4.
619 6.
620 10.

621 8.
622 14.
623 20.
624 8.
625 6.

626 22.
627 14.
628 14.
629 10.
630 < 2.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
631	13.01	.94	3.85	3.85	.37	4.26	.53	.02
632	13.12	.47	4.50	3.77	.23	3.40	.29	.13
633	14.99	2.27	2.27	3.13	1.04	5.83	1.06	.01
634	13.65	1.74	3.24	2.93	.70	3.53	.49	.08
635	15.20	2.28	2.91	3.03	.95	4.75	.80	.01
636	13.88	1.62	3.35	2.70	.79	4.01	.56	.12
637	13.74	.75	4.11	2.97	.35	3.66	.37	.02
638	13.55	.75	4.10	2.95	.35	3.62	.37	.02
639	14.44	2.30	2.65	2.97	1.25	6.15	1.19	.02
640	13.72	1.72	3.96	3.80	.39	2.71	.32	.08
641	13.67	2.20	2.39	2.00	1.07	4.55	.65	.02
642	14.75	1.68	2.54	2.63	.79	4.78	.77	.10
643	13.73	2.09	2.33	2.86	.93	5.15	.90	.01
644	14.34	1.85	2.99	2.58	.75	4.10	.62	.08
645	13.60	1.81	2.38	2.50	.71	3.71	.53	.07
646	12.87	1.74	3.55	2.92	.85	5.07	1.04	.13
647	13.67	1.58	3.65	1.99	.48	5.17	.48	.01
648	14.46	2.62	3.17	3.07	.96	3.86	.66	.11
649	15.03	3.00	2.75	3.23	1.27	6.07	1.44	.12
650	16.97	2.61	3.31	3.05	.73	5.01	1.09	.09
651	16.45	2.56	3.23	3.02	.71	6.83	2.05	.10
652	16.43	2.75	2.38	3.32	1.09	4.76	.70	.04
653	14.97	3.60	2.56	2.87	1.62	10.67	3.34	.02
654	15.22	4.79	2.51	3.64	1.87	8.60	1.97	.02
655	15.90	3.98	2.94	3.68	1.54	6.33	1.21	.11
656	15.96	4.59	2.80	3.49	1.86	6.82	1.29	.01
657	16.28	4.53	2.72	3.60	1.73	8.17	1.58	.01
658	12.99	12.10	2.87	3.33	1.67	3.32	.46	.08
659	15.55	3.87	3.09	4.03	.30	4.72	.79	.12
660	15.99	3.95	3.03	4.05	.89	6.39	1.41	.12



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	P3
631	.17	2.44	3.4	9.	2.6	14.8	13.	20.
632	.12	3.36	1.9 <	5.	6.5	18.2	9.	15.
633	.21	2.09	4.4 <	5.	36.3	29.9	20.	5.
634	.13	2.43	3.0 <	5.	13.7	17.0	9.	10.
635	.13	2.47	4.0 <	5.	19.7	21.8	14.	10.
636	.13	2.68	3.3 <	5.	10.1	18.6	14.	15.
637	.15	3.32	2.9	7. <	.8	15.6	11.	25.
638	.16	3.26	3.0	5. <	.8	15.5	13.	10.
639	.25	2.01	6.5	12.	40.0	26.8	25. <	5.
640	.16	2.63	3.9	9.	7.6	16.1	15.	10.
641	.20	2.44	5.5	14.	11.5	24.2	24.	10.
642	.20	2.46	4.1	12.	29.0	27.6	21.	15.
643	.19	2.00	5.5	16.	34.1	25.9	21. <	5.
644	.18	2.45	4.5	13.	23.2	29.3	102.	10.
645	.21	2.25	4.9	10.	15.2	26.1	19.	20.
646	.20	2.57	5.2	6.	9.8	17.1	18.	30.
647	.16	5.53	4.9 <	5. <	.8	16.8	11.	20.
648	.17	2.59	5.7	9.	18.3	17.2	16. <	5.
649	.21	2.31	9.2	12.	17.0	20.0	23. <	5.
650	.20	2.45	8.2	6.	1.7	12.3	14.	20.
651	.19	3.19	10.3	10.	3.2	12.8	17.	25.
652	.25	1.95	8.0	45.	24.5	31.1	34.	20.
653	.30	1.60	14.8	14.	17.6	23.2	23.	10.
654	.33	1.97	12.5	12.	45.4	19.9	30. <	5.
655	.35	1.78	9.6	15.	13.3	20.4	26.	10.
656	.43	1.70	9.6	16.	19.4	23.2	27. <	5.
657	.44	1.61	11.1	15.	14.8	23.7	29. <	5.
658	.28	1.63	7.7 <	5.	16.9	15.4	28. <	5.
659	.31	2.46	7.9	9. <	.8	11.9	18.	5.
660	.36	2.26	8.7	7. <	.8	14.7	15. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
631	111.8	16.5	50.9	101.	262.0	.015 <	2. <	.001
632	46.9	18.2	29.8	125.	340.4 <	.005 <	2. <	.001
633	270.7	9.6	106.3	120.	209.7 <	.005 <	2. <	.001
634	213.4	14.5	42.2	108.	282.1 <	.005 <	2. <	.001
635	273.7	12.3	72.0	115.	258.0 <	.005	2. <	.001
636	185.2	14.9	48.1	119.	304.7 <	.005 <	2. <	.001
637	86.0	22.9	34.8	124.	366.5 <	.005 <	2. <	.001
638	80.0	23.0	35.5	125.	368.7 <	.005 <	2. <	.001
639	319.7	18.9	114.4	117.	195.1 <	.005	4. <	.001
640	203.3	23.2	28.2	83.	272.4 <	.005	4. <	.001
641	266.5	17.5	66.4	146.	237.1 <	.005	12. <	.001
642	194.8	21.5	76.4	118.	266.0 <	.005 <	2. <	.001
643	236.5	19.1	91.6	109.	180.5 <	.005 <	2. <	.001
644	217.6	22.3	59.5	133.	267.4 <	.005 <	2. <	.001
645	220.0	20.7	55.6	121.	240.8 <	.005 <	2. <	.001
646	194.7	23.9	76.0	137.	285.5 <	.005	4. <	.001
647	190.0	22.8	51.1	138.	340.6 <	.005	155. <	.001
648	283.3	14.7	52.7	122.	206.4 <	.005	8. <	.001
649	324.0	15.6	100.3	144.	204.4 <	.005	4. <	.001
650	284.1	23.2	78.6	163.	322.8 <	.005	6. <	.001
651	279.6	24.2	120.0	193.	330.6 <	.005	2. <	.001
652	354.7	21.8	87.5	112.	189.9 <	.005	12. <	.001
653	348.3	14.1	224.5	197.	198.0 <	.005 <	2. <	.001
654	462.3	18.5	150.0	164.	170.3 <	.005	10. <	.001
655	442.7	16.8	100.8	152.	165.0 <	.005 <	2. <	.001
656	465.2	15.0	112.9	142.	155.8 <	.005 <	2. <	.001
657	446.4	13.7	128.5	156.	175.7 <	.005 <	2. <	.001
658	684.0	1.7	52.5	130.	120.4 <	.005	8. <	.001
659	386.5	14.6	68.3	131.	156.9 <	.005 <	2. <	.001
660	394.9	11.9	100.9	156.	174.6 <	.005	2. <	.001



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MD	SB	SN	U
631	890.	240. <	4.	18.	3. <	1. <	.2	.8
632	300.	280. <	4.	24.	3. <	1. <	.2	.7
633	480.	190. <	4.	27.	4. <	1. <	.2	.7
634	350.	520. <	4.	23.	4. <	1. <	.2	.7
635	450.	350.	4.	21.	4. <	1. <	.2	.7
636	350.	530.	4.	21.	4. <	1. <	.2	1.3
637	400.	570.	4.	24.	6. <	1. <	.2	1.2
638	1000.	240.	6.	19.	3. <	1. <	.2	1.0
639	920.	320.	10.	20.	3. <	1. <	.2	.8
640	420.	410.	8.	18.	4. <	1. <	.2	.7
641	550.	540.	10.	22.	3. <	1. <	.2	1.0
642	370.	360.	6.	28.	3. <	1. <	.2	2.8
643	400.	180.	6.	24.	3. <	1. <	.2	.6
644	370.	320.	6.	24.	3. <	1. <	.2	.8
645	400.	420.	6.	25.	4. <	1. <	.2	2.2
646	360.	450.	6.	21.	3. <	1. <	.2	1.1
647	350.	630.	4.	13.	10. <	1. <	.2	4.4
648	670.	400. <	4.	19.	3. <	1. <	.2	.8
649	770.	400. <	4.	20.	4. <	1. <	.2	.6
650	530.	600. <	4.	14.	4. <	1. <	.2	1.3
651	520.	600. <	4.	14.	4. <	1. <	.2	1.5
652	1260.	310.	6.	23.	3. <	1. <	.2	3.4
653	870.	460. <	4.	12.	2.	61. <	.2	.9
654	1320.	480. <	4.	19.	3. <	1. <	.2	.9
655	1180.	630. <	4.	24.	3. <	1. <	.2	.7
656	1200.	740. <	4.	26.	2. <	1. <	.2	.5
657	1180.	700. <	4.	24.	3. <	1. <	.2	.9
658	1160.	610. <	4.	29.	3. <	1. <	.2	.6
659	1010.	500. <	4.	18.	2. <	1. <	.2	3.0
660	1000.	640. <	4.	16.	3. <	1. <	.2	.8



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# #

631 < 2.
632 18.
633 < 2.
634 < 2.
635 4.

636 < 2.
637 < 2.
638 < 2.
639 < 2.
640 2.

641 24.
642 4.
643 < 2.
644 10.
645 6.

646 6.
647 16.
648 < 2.
649 < 2.
650 < 2.

651 26.
652 40.
653 44.
654 22.
655 < 2.

656 42.
657 14.
658 60.
659 4.
660 10.



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
651	15.49	2.38	4.05	3.89	.78	4.08	.41	.08
652	15.31	5.14	2.50	3.81	1.70	9.24	2.51	.03
653	16.75	5.06	2.78	4.05	1.38	5.39	1.03	.02
664	13.07	7.11	3.02	3.63	1.41	3.34	.74	.08
665	13.30	8.29	3.10	3.78	1.28	3.02	.52	.07
666	15.28	4.82	3.28	3.25	1.81	5.13	.60	.09
667	14.11	8.39	2.59	3.53	1.65	4.41	.78	.09
668	14.49	6.11	3.19	3.34	1.71	3.62	.53	.07
669	14.19	7.95	3.08	3.47	1.42	3.14	.55	.07
670	13.27	5.94	3.09	3.33	1.52	2.76	.46	.05
671	20.07	4.85	1.03	2.83	2.92	10.65	1.45	.03
672	20.67	6.30	1.01	3.43	2.96	9.73	1.24	.02
673	19.31	3.53	1.12	2.42	2.15	10.00	1.57	.02
674	18.60	4.75	1.03	2.87	2.67	10.03	1.69	.02
675	19.28	3.88	1.07	2.60	2.17	9.97	1.71	.02
676	17.34	3.92	1.00	2.60	3.25	13.24	2.18	.02
677	18.44	3.95	1.00	2.52	2.21	10.27	1.96	.02
678	17.58	4.49	1.00	2.60	2.71	10.63	1.84	.02
679	19.50	3.68	1.06	2.35	2.05	10.23	1.58	.02
680	18.14	4.05	1.15	2.38	2.55	9.70	1.44	.02
681	19.77	3.52	1.03	2.23	1.89	9.47	1.54	.01
682	17.20	4.21	1.10	2.52	3.07	13.45	2.32	.02
683	19.07	3.22	.99	2.05	2.00	10.11	1.70	.02
684	20.30	3.60	1.06	2.52	1.61	8.81	1.55	.01
685	20.45	3.68	1.05	2.53	1.61	8.70	1.55	.01
686	19.47	3.50	.99	2.36	1.79	10.22	1.99	.02
687	18.99	3.49	.97	2.23	1.54	8.77	1.44	.02
688	20.48	3.14	1.14	2.46	1.49	9.40	1.43	.02
689	17.42	4.65	1.31	3.46	1.77	8.79	1.93	.02
690	17.23	4.26	1.02	3.04	2.24	14.30	3.58	.03



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PS
651	.20	2.70	6.1 <	5. <	.8	9.8	15.	10.
652	.49	1.57	12.7	15.	27.8	28.7	29.	5.
653	.43	1.77	7.9	11.	10.4	23.1	21. <	5.
654	.28	2.29	7.3	13.	19.0	13.8	23.	5.
655	.25	1.81	6.7	11.	16.6	15.5	23.	15.
656	.31	1.95	7.6	10.	14.3	21.7	27.	10.
657	.31	1.15	7.7	11.	31.0	16.9	27.	5.
658	.29	1.90	7.1	13.	21.4	20.1	28.	10.
659	.30	1.33	7.2	9.	19.2	16.0	26.	10.
670	.27	1.43	6.9	12.	20.9	15.2	29. <	5.
671	.32	1.27	13.7	66.	82.9	63.0	98. <	5.
672	.28	.95	12.8	47.	51.0	67.5	84. <	5.
673	.31	1.28	12.4	48.	141.6	65.9	81. <	5.
674	.25	1.15	12.9	51.	84.5	62.3	82. <	5.
675	.28	1.68	12.9	50.	163.7	61.2	79. <	5.
676	.29	1.37	13.9	42.	192.0	65.7	96. <	5.
677	.27	1.58	12.8	48.	157.1	60.3	81. <	5.
678	.30	1.43	14.2	50.	139.9	58.6	88. <	5.
679	.33	1.27	12.5	32.	171.2	67.1	85. <	5.
680	.33	1.33	12.5	38.	121.9	62.1	83. <	5.
681	.34	1.37	12.0	23.	94.4	61.7	67. <	5.
682	.31	2.13	14.2	34.	163.0	60.6	79. <	5.
683	.35	1.30	12.0	26.	95.3	63.5	68. <	5.
684	.32	1.41	11.3	26.	111.1	64.8	62. <	5.
685	.32	1.40	11.6	28.	114.1	65.1	65. <	5.
686	.33	1.73	13.0	31.	122.4	69.9	67. <	5.
687	.32	1.48	10.4	38.	86.9	65.1	70. <	5.
688	.33	1.44	11.1	41.	76.5	69.4	79.	5.
689	.26	1.21	12.3	36.	114.0	54.1	59.	5.
690	.27	2.03	15.8	43.	202.3	58.7	63. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
651	214.7	22.3	34.3	136.	135.1 <	.005	12. <	.001
652	437.9	20.0	209.8	220.	163.3 <	.005 <	2. <	.001
653	453.8	14.9	88.7	139.	166.5 <	.005 <	2. <	.001
654	421.2	20.0	70.2	100.	103.6 <	.005 <	2. <	.001
655	470.1	14.1	55.3	101.	113.2 <	.005 <	2. <	.001
656	405.6	15.5	62.1	124.	182.4 <	.005	4. <	.001
657	608.4	10.9	82.4	111.	130.2 <	.005	12. <	.001
658	458.5	14.5	59.5	109.	138.4 <	.005 <	2. <	.001
659	514.9	12.1	52.0	112.	132.1 <	.005	4. <	.001
670	415.3	17.4	57.5	93.	107.8 <	.005 <	2. <	.001
671	413.2	11.4	218.0	147.	118.4 <	.005	2. <	.001
672	505.8	4.5	155.5	120.	98.4 <	.005	2. <	.001
673	322.5	12.8	227.5	165.	126.0 <	.005	2. <	.001
674	481.1	11.1	240.0	139.	104.4 <	.005	2. <	.001
675	372.5	9.2	246.5	135.	117.0 <	.005 <	2. <	.001
676	340.0	10.3	313.4	173.	125.9 <	.005 <	2. <	.001
677	373.8	6.7	264.4	130.	119.2 <	.005 <	2. <	.001
678	388.3	9.2	299.2	143.	118.0 <	.005 <	2. <	.001
679	351.6	8.9	228.0	135.	120.1 <	.005 <	2. <	.001
680	353.4	10.5	213.2	278.	129.8 <	.005 <	2. <	.001
681	327.2	6.3	205.4	145.	135.0 <	.005 <	2. <	.001
682	375.3	6.6	367.9	173.	126.5 <	.005 <	2. <	.001
683	307.2	8.7	224.3	149.	136.8 <	.005 <	2. <	.001
684	351.2	9.5	194.3	136.	127.9 <	.005 <	2. <	.001
685	356.7	10.0	195.5	134.	130.5 <	.005 <	2. <	.001
686	340.0	10.1	227.8	145.	134.7 <	.005 <	2. <	.001
687	333.4	9.8	179.4	132.	127.8 <	.005 <	2. <	.001
688	326.8	10.5	196.2	139.	138.0 <	.005 <	2. <	.001
689	461.2	11.2	220.7	127.	110.4 <	.005 <	2. <	.001
690	404.7	10.9	358.0	156.	129.1 <	.005	4. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 114

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
651	880.	660. <	4.	16.	4. <	1. <	.2	.6
652	1230.	580. <	4.	21.	5. <	1. <	.2	1.1
653	1230.	600. <	4.	21.	3. <	1. <	.2	.6
654	1180.	520. <	4.	30.	3. <	1. <	.2	1.6
655	1070.	500. <	4.	29.	1. <	1. <	.2	.7
656	1530.	730. <	4.	35.	2. <	1. <	.2	.9
667	1660.	680. <	4.	23.	3. <	1. <	.2	1.0
658	1330.	740. <	4.	32.	3. <	1. <	.2	.7
659	1450.	620. <	4.	24.	2. <	1. <	.2	.7
670	1400.	680. <	4.	30.	1. <	1. <	.2	1.2
671	930.	250.	4.	20.	1. <	1. <	.2	.4
672	890.	240. <	4.	16.	2. <	1. <	.2	.7
673	890.	260.	4.	23.	2. <	1. <	.2	1.2
674	920.	230.	5.	17.	2. <	1. <	.2	.9
675	930.	250.	4.	20.	3. <	1. <	.2	1.0
676	820.	230.	6.	19.	2. <	1. <	.2	.8
677	950.	250.	4.	20.	2. <	1. <	.2	.9
678	840.	250.	5.	18.	2. <	1. <	.2	.7
679	870.	223.	5.	21.	1. <	1. <	.2	.9
680	1050.	290.	5.	21.	2. <	1. <	.2	.5
681	860.	270.	4.	22.	3. <	1. <	.2	1.0
682	920.	250.	5.	18.	2. <	1. <	.2	.8
683	840.	280.	4.	22.	1. <	1. <	.2	2.6
684	800.	165. <	4.	21.	1. <	1. <	.2	.8
685	990.	275. <	4.	20.	3. <	1. <	.2	.3
686	850.	285. <	4.	20.	3. <	1. <	.2	1.1
687	1000.	260. <	4.	22.	2. <	1. <	.2	1.0
688	940.	100.	4.	17.	2. <	1. <	.2	.9
689	830.	440. <	4.	17.	3. <	1. <	.2	1.1
690	900.	230.	4.	19.	2. <	1. <	.2	1.0



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# W

551	4.
552	4.
553	4.
554	< 2.
555	< 2.
556	44.
557	6.
558	< 2.
559	< 2.
570	8.
571	< 2.
572	4.
573	4.
574	< 2.
575	< 2.
576	< 2.
577	< 2.
578	8.
579	42.
580	12.
581	6.
582	12.
583	< 2.
584	2.
585	< 2.
586	< 2.
587	2.
588	< 2.
589	6.
590	33.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
691	17.82	3.70	.98	2.58	2.45	14.58	3.14	.02
692	18.52	4.74	.94	2.54	2.54	8.72	1.40	.02
693	18.44	4.35	1.11	2.41	1.71	8.01	1.27	.03
694	18.23	4.55	1.12	2.64	2.67	13.46	1.98	.03
695	18.19	4.43	1.17	2.82	2.50	10.99	1.73	.02
696	17.64	4.43	1.13	2.68	2.32	10.97	1.88	.02
697	18.54	4.72	1.15	2.84	2.52	11.28	1.81	.02
698	19.92	4.70	1.25	2.83	2.54	10.46	1.63	.02
699	17.99	4.75	1.15	2.71	2.79	11.52	1.97	.02
700	15.23	4.56	1.56	2.59	1.58	6.22	.98	.10
701	18.20	6.43	1.19	2.95	2.04	8.88	1.42	.02
702	17.98	5.46	1.25	2.94	2.20	3.59	1.54	.01
703	18.45	6.56	1.27	2.98	2.55	8.65	1.46	.01
704	18.54	7.42	1.44	3.43	3.10	9.29	1.84	.02
705	16.14	6.90	1.07	2.90	3.28	18.93	3.59	.02
706	17.23	8.37	.97	3.17	4.83	8.76	1.26	.01
707	18.46	8.43	1.28	3.41	2.89	8.28	1.59	.12
708	14.20	6.40	.89	2.62	3.59	25.11	5.01	.02
709	12.92	3.80	1.61	2.94	1.64	27.95	2.66	.02
710	17.77	6.87	1.30	3.36	3.65	9.23	1.04	.03
711	19.30	5.83	1.38	3.38	3.53	10.04	1.33	.02
712	17.36	4.30	1.65	2.65	2.40	7.73	1.46	.02
713	17.33	5.56	1.26	3.14	3.01	8.21	1.53	.02
714	17.32	6.29	.88	2.82	5.26	11.11	2.08	.03
715	16.29	5.23	2.13	3.41	2.71	7.23	.73	.03
716	19.35	6.52	1.45	2.92	2.06	6.33	.80	.01
717	19.43	7.05	1.01	3.33	3.65	10.31	1.27	.05
718	16.25	4.28	1.31	2.94	2.59	10.61	2.24	.02
719	17.62	4.24	1.59	2.82	2.24	8.64	1.67	.02
720	19.56	3.09	1.27	2.35	1.76	9.21	1.17	.01



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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GEOCHEMICAL DATA LISTING

SAMPLE#	P205	BE	CD	CU	CR	CU	NI	PB
691	.29	1.88	15.4	47.	249.2	83.7	101. <	5.
692	.21	.88	12.1	43.	129.0	41.2	56. <	5.
693	.26	1.43	11.2	52.	70.3	40.6	45. <	5.
694	.55	1.41	13.5	50.	103.3	76.0	86. <	5.
695	.46	1.61	13.8	37.	103.3	72.3	87. <	5.
696	.43	1.55	13.5	35.	122.5	70.9	75. <	5.
697	.44	1.51	14.3	37.	118.4	73.8	79. <	5.
698	.44	1.66	13.9	35.	92.8	67.8	75. <	5.
699	.44	1.42	15.0	35.	137.8	69.5	82. <	5.
700	.45	1.14	9.5	19.	61.3	44.9	44. <	5.
701	.51	1.18	12.9	37.	88.7	54.8	71. <	5.
702	.39	.76	11.5	21.	98.0	52.5	57. <	5.
703	.44	.72	11.4	20.	92.8	52.1	59. <	5.
704	.47	.89	12.4	20.	126.2	47.6	65. <	5.
705	.40	2.01	19.5	22.	289.8	51.9	74. <	5.
706	.54	.69	12.4	24.	103.3	46.0	94. <	5.
707	.41	.51	13.0	20.	123.3	39.4	66. <	5.
708	.39	2.52	24.8	29.	447.7	57.8	95. <	5.
709	.40	2.43	20.9 <	5.	27.4	52.2	32. <	5.
710	.38	.74	12.6	49.	21.8	38.9	68. <	5.
711	.35	1.20	13.2	41.	32.2	46.4	70. <	5.
712	.24	.91	10.0	22.	74.4	52.7	51. <	5.
713	.28	.68	11.6	36.	84.5	52.7	74. <	5.
714	.43	1.44	17.4	75.	129.5	84.7	156. <	5.
715	.29	1.54	9.4	47.	23.5	35.4	60. <	5.
716	.26	1.05	9.3	13.	13.1	37.0	51. <	5.
717	.44	1.10	13.7	38.	36.3	48.7	87. <	5.
718	.25	1.69	13.7	26.	74.5	33.3	49. <	5.
719	.24	.85	11.2	18.	44.6	39.1	48. <	5.
720	.27	1.91	7.8	15.	23.7	42.2	37. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 118

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
691	352.2	11.5	417.8	164.	130.8 <	.005 <	2. <	.001
692	592.0	8.0	190.9	135.	101.2 <	.005 <	2. <	.001
693	435.4	12.4	186.5	153.	115.6 <	.005 <	2. <	.001
694	386.6	15.3	299.3	174.	163.7 <	.005 <	2. <	.001
695	395.3	10.6	257.4	185.	146.1 <	.005	4. <	.001
696	400.7	9.4	269.4	162.	144.8 <	.005 <	2. <	.001
697	424.3	19.9	276.7	164.	146.9 <	.005	2. <	.001
698	431.2	12.1	243.5	157.	138.9 <	.005 <	2. <	.001
699	407.4	11.5	294.7	175.	141.6 <	.005 <	2. <	.001
700	411.7	6.7	134.8	117.	100.7 <	.005 <	2. <	.001
701	505.0	6.4	220.4	133.	126.0 <	.005 <	2. <	.001
702	464.2	5.5	209.0	136.	117.1 <	.005 <	2. <	.001
703	513.0	2.3	204.2	135.	117.4 <	.005	10. <	.001
704	528.3 <	1.0	270.5	250.	109.5 <	.005	4. <	.001
705	458.9	3.1	589.8	219.	108.7 <	.005	6. <	.001
706	565.5 <	1.0	196.2	121.	118.0 <	.005	4. <	.001
707	546.8 <	1.0	234.1	120.	99.5 <	.005	10. <	.001
708	417.7	3.1	817.5	274.	113.7 <	.005	6. <	.001
709	304.1	92.5	548.5	158.	127.5 <	.005	4. <	.001
710	490.1	6.8	210.0	130.	119.9 <	.005	4. <	.001
711	485.0	5.1	226.1	142.	129.1 <	.005	6. <	.001
712	351.1	10.3	186.2	126.	122.6	.015	6. <	.001
713	436.6	8.4	229.9	120.	100.7 <	.005	6. <	.001
714	338.4	4.2	398.6	158.	111.0 <	.005	4. <	.001
715	364.7	8.3	162.4	112.	114.2 <	.005	2. <	.001
716	496.2	4.8	140.3	114.	123.0 <	.005 <	2. <	.001
717	522.2	2.9	237.4	137.	108.7 <	.005 <	2. <	.001
718	310.6	11.1	355.1	162.	123.6 <	.005	2. <	.001
719	407.6	7.7	198.1	136.	125.8 <	.005	2. <	.001
720	356.2	14.1	156.2	127.	177.3 <	.005	4. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 119

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
691	1050.	240.	4.	16.	2. <	1. <	.2	.8
692	1000.	240.	5.	16.	4. <	1. <	.2	.5
693	1020.	250.	6.	19.	1. <	1. <	.2	.4
694	950.	370.	6.	22.	3. <	1. <	.2	.4
695	960.	340. <	4.	22.	2. <	1. <	.2	.6
696	1000.	300.	6.	22.	3. <	1. <	.2	.8
697	930.	310.	5.	20.	1. <	1. <	.2	.7
698	980.	320.	4.	21.	3. <	1. <	.2	.9
699	920.	350.	6.	20.	3. <	1. <	.2	.7
700	770.	340.	5.	17.	2. <	1. <	.2	.7
701	990.	360.	4.	18.	2. <	1. <	.2	.5
702	900.	355.	5.	18.	3. <	1. <	.2	.9
703	970.	430.	4.	18.	2. <	1. <	.2	.5
704	970.	470.	4.	19.	3. <	1. <	.2	.7
705	830.	410. <	4.	16.	2. <	1. <	.2	.4
706	960.	430. <	4.	12.	2. <	1. <	.2	.5
707	960.	420. <	4.	20.	3. <	1. <	.2	.6
708	800.	390. <	4.	14.	4. <	1. <	.2	.5
709	800.	420. <	4.	17.	4. <	1. <	.2	7.4
710	1040.	310. <	4.	17.	3. <	1. <	.2	.8
711	1070.	260.	4.	20.	3. <	1. <	.2	.5
712	830.	350.	4.	27.	3. <	1. <	.2	.8
713	880.	260.	6.	19.	3. <	1. <	.2	.8
714	810.	250. <	4.	17.	2. <	1. <	.2	.4
715	760.	310. <	4.	19.	4. <	1. <	.2	.5
716	690.	370.	4.	17.	2. <	1. <	.2	.6
717	1300.	270.	4.	17.	3. <	1. <	.2	.5
718	670.	270.	4.	25.	3. <	1. <	.2	.8
719	780.	270.	4.	19.	3. <	1. <	.2	.5
720	830.	325.	6.	21. <	1. <	1. <	.2	.8



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THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE # W

691 2.
692 < 2.
693 < 2.
694 28.
695 < 2.

696 6.
697 < 2.
698 6.
699 < 2.
700 37.

701 < 2.
702 10.
703 28.
704 44.
705 26.

706 24.
707 57.
708 < 2.
709 24.
710 40.

711 33.
712 22.
713 8.
714 6.
715 2.

716 12.
717 18.
718 18.
719 < 2.
720 < 2.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE #	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
721	17.28	3.75	1.70	2.99	2.04	9.55	1.64	.02
722	15.73	2.46	2.70	3.07	1.10	6.87	1.31	.13
723	16.05	3.21	2.03	3.35	1.25	5.91	1.15	.13
724	18.29	6.22	1.27	3.74	2.07	7.60	1.15	.02
725	17.92	5.16	1.54	3.54	1.84	6.63	1.06	.01
726	16.50	4.71	1.92	4.31	1.67	7.41	1.17	.02
727	16.07	4.54	1.36	2.97	2.24	11.24	1.85	.01
728	16.74	4.85	1.41	3.32	2.31	10.91	1.78	.02
729	17.93	3.93	1.67	3.61	1.56	8.79	1.42	.13
730	17.14	4.97	1.94	4.59	1.66	7.67	1.31	.02
731	16.69	4.78	1.51	3.46	1.98	9.26	1.57	.02
732	17.41	4.51	1.63	3.88	1.40	6.38	1.11	.02
733	17.04	4.75	1.58	4.02	1.44	8.05	1.33	.02
734	16.53	4.36	1.44	3.60	1.63	8.74	1.47	.02
735	15.44	4.17	2.11	4.73	1.22	6.27	1.11	.02
736	16.59	5.22	1.47	4.13	1.84	8.96	1.60	.01
737	16.44	5.17	1.64	4.27	1.95	7.53	1.28	.01
738	17.42	4.87	1.89	4.60	1.74	7.54	1.18	.02
739	18.22	4.47	2.12	5.45	.99	5.82	1.21	.02
740	18.52	4.72	1.56	3.83	1.88	10.52	1.75	.02
741	19.81	4.75	1.79	4.48	1.06	8.60	1.70	.12
742	18.32	4.57	1.68	4.26	1.25	9.32	1.86	.02
743	18.22	3.67	1.35	3.10	1.66	14.73	2.82	.02
744	17.99	3.67	1.35	3.10	1.14	8.86	1.65	.01
745	16.86	4.07	1.44	3.81	1.10	7.63	1.38	.01
746	17.92	4.46	1.11	2.44	1.85	9.73	1.50	.01
747	18.22	4.63	1.39	3.03	2.74	11.16	1.65	.02
748	17.39	4.24	1.25	2.80	2.88	14.11	2.26	.02
749	19.11	3.70	1.25	2.42	2.50	11.13	1.61	.02
750	19.73	3.52	1.04	2.30	2.90	12.07	1.79	.02



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 122

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	P3
721	.23	1.67	8.3	18.	50.3	39.5	40. <	5.
722	.18	1.77	6.8	6.	35.5	22.9	24. <	5.
723	.17	1.43	5.9	8.	40.2	22.9	26.	10.
724	.47	1.09	7.6	14.	25.1	36.3	32. <	5.
725	.35	1.27	7.0	14.	38.1	34.6	30. <	5.
726	.63	1.41	7.1	17. <	.8	130.3	24. <	5.
727	.48	1.54	9.8	18.	23.9	46.4	30. <	5.
728	.47	1.53	9.2	16.	31.8	43.5	26. <	5.
729	.44	1.57	8.1	11.	20.5	39.8	26. <	5.
730	.66	1.36	7.5	11. <	.8	25.2	21. <	5.
731	.46	1.40	8.7	13.	12.8	34.4	35. <	5.
732	.43	1.30	7.7	15.	20.6	26.1	25. <	5.
733	.57	1.38	8.4	20. <	.8	24.3	20. <	5.
734	.44	1.37	9.0	13.	13.8	22.5	26. <	5.
735	.65	1.27	7.0	11. <	.8	18.6	18. <	5.
736	.45	1.20	9.0	6.	20.0	19.5	22. <	5.
737	.45	1.20	8.0	9.	13.4	19.2	22. <	5.
738	.59	1.33	7.6	14. <	.8	31.5	23.	25.
739	.64	1.47	7.1	16. <	.8	21.1	21. <	5.
740	.37	1.58	9.4	14.	31.2	38.2	28. <	5.
741	.61	1.61	8.7	12.	11.1	31.2	23. <	5.
742	.59	1.64	8.9	13.	15.7	31.4	25. <	5.
743	.56	2.27	11.8	21.	56.9	57.8	43. <	5.
744	.43	1.71	8.3	14.	33.5	42.8	30. <	5.
745	.39	1.54	7.6	12.	5.7	22.6	21.	5.
746	.51	1.49	9.4	24.	73.0	55.6	58. <	5.
747	.70	1.73	10.3	25.	64.3	59.3	65. <	5.
748	.63	1.94	12.1	24.	150.1	64.4	66. <	5.
749	.62	1.85	9.7	26.	79.5	60.1	75. <	5.
750	.42	1.71	10.5	27.	152.1	74.1	99. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 123

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
721	389.9	11.5	224.3	120.	136.6 <	.005	6. <	.001
722	275.5	17.7	131.3	103.	141.8 <	.005 <	2. <	.001
723	334.6	11.6	120.0	90.	104.7 <	.005	8. <	.001
724	588.8	4.1	167.2	99.	108.8 <	.005	6. <	.001
725	499.7	7.1	132.8	98.	121.0 <	.005	10. <	.001
726	512.2	9.8	140.0	101.	153.4 <	.005	8. <	.001
727	532.0	9.0	290.6	143.	116.9 <	.005	6. <	.001
728	502.3	6.6	270.5	138.	113.4 <	.005	4. <	.001
729	486.5	8.0	178.6	123.	124.1 <	.005	10. <	.001
730	563.3	7.5	149.1	106.	166.9 <	.005	4. <	.001
731	512.0	7.2	204.4	122.	129.5 <	.005	8. <	.001
732	506.4	10.3	120.3	107.	130.1 <	.005	4. <	.001
733	529.0	12.8	151.5	120.	148.4 <	.005	4. <	.001
734	479.4	11.7	154.0	136.	128.6 <	.005	4. <	.001
735	485.3	11.8	89.1	103.	166.8 <	.005	4. <	.001
736	559.3	5.4	182.5	123.	110.4 <	.005	4. <	.001
737	574.5	6.8	137.9	110.	123.1 <	.005	4. <	.001
738	533.3	6.7	125.1	106.	165.9 <	.005	10. <	.001
739	547.8	10.9	115.7	101.	181.1 <	.005	4. <	.001
740	517.5	5.6	255.6	135.	122.9 <	.005	2. <	.001
741	573.3	6.1	196.8	122.	186.1 <	.005	4. <	.001
742	515.6	6.9	237.7	124.	175.7 <	.005	6. <	.001
743	448.1	12.9	373.6	175.	178.9 <	.005	6. <	.001
744	411.7	7.9	228.0	122.	161.6 <	.005	4. <	.001
745	476.2	7.9	191.3	110.	151.3 <	.005	10. <	.001
746	366.0	9.1	187.3	120.	158.9 <	.005	6. <	.001
747	416.8	13.1	213.6	139.	188.6 <	.005	2. <	.001
748	440.2	14.0	309.9	192.	177.2 <	.005 <	2. <	.001
749	336.5	13.5	197.8	140.	198.7 <	.005	2. <	.001
750	299.9	9.6	264.6	145.	161.1 <	.005	4. <	.001



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T C O N T I N U E

SAMPLE#	BA	F	HS	LI	MO	SS	SI	U
721	840.	290.	4.	19. <	1. <	1. <	.2	.8
722	760.	300.	4.	22. <	1. <	1. <	.2	1.1
723	880.	170.	4.	22. <	1. <	1. <	.4	.7
724	920.	400.	4.	18. <	1. <	1. <	.2	.7
725	740.	380.	4.	20. <	1. <	1. <	.2	.6
726	1210.	510.	4.	14. <	1. <	1. <	.2	.4
727	910.	370.	4.	17. <	1. <	1. <	.2	.4
728	910.	380.	4.	19. <	1. <	1. <	.2	.4
729	910.	530.	4.	18. <	1. <	1. <	.2	.3
730	1300.	600. <	4.	12. <	1. <	1. <	.2	.2
731	940.	480.	6.	14. <	1. <	1. <	.2	.4
732	920.	420.	2	18. <	1. <	1. <	.2	.4
733	1110.	200.	6.	15. <	1. <	1. <	.2	.6
734	940.	470.	6.	17. <	1. <	1. <	.2	.3
735	1220.	680.	3.	13. <	1. <	1. <	.2	.4
736	880.	540.	4.	14. <	1. <	1. <	.2	.2
737	980.	700.	4.	14. <	1. <	1. <	.2	.2
738	1480.	960.	2.	14. <	1. <	1. <	.2	.6
739	1620.	780. <	4.	14. <	1. <	1. <	.2	.6
740	980.	500.	4.	17. <	1. <	1. <	.2	.6
741	1340.	620.	4.	1. <	1. <	1. <	.2	.8
742	1200.	600.	4.	13. <	1. <	1. <	.2	1.0
743	1220.	430.	6.	17. <	1. <	1. <	.2	.9
744	1090.	400.	6.	17. <	1. <	1. <	.2	1.1
745	1150.	680.	6.	15. <	1. <	1. <	.2	1.0
746	1080.	460.	4.	17. <	1. <	1. <	.2	.9
747	1300.	540.	4.	14. <	1. <	1. <	.2	.7
748	1140.	410. <	4.	15. <	1. <	1. <	.2	1.0
749	1110.	460.	4.	16. <	1. <	1. <	.2	1.0
750	850.	290. <	4.	18. <	1. <	1. <	.3	.7

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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# A

721 < 2.
722 6.
723 2.
724 4.
725 37.

726 26.
727 33.
728 10.
729 2.
730 2.

731 < 2.
732 2.
733 4.
734 32.
735 44.

736 22.
737 10.
738 14.
739 8.
740 8.

741 < 2.
742 14.
743 20.
744 20.
745 10.

746 4.
747 37.
748 22.
749 6.
750 8.



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DATA FOR: BUREAU OF LAND MANAGEMENT

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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
751	18.82	3.48	.99	2.30	3.16	11.91	1.59	.02
752	19.13	3.05	1.09	2.06	2.51	11.43	1.69	.02
753	17.43	4.93	.99	2.69	2.93	9.68	1.26	.02
754	17.57	4.59	1.34	2.96	2.54	9.12	1.32	.02
755	18.16	5.63	1.05	2.91	3.67	11.05	1.53	.02
756	19.33	5.09	1.47	3.85	1.40	9.08	1.70	.01
757	20.99	3.73	.94	2.81	.98	11.19	2.79	.12
758	16.53	6.26	1.16	2.93	3.52	9.30	1.70	.02
759	19.26	4.72	.95	2.37	1.19	7.16	1.30	.12
760	20.16	3.39	.79	2.91	.39	8.22	1.50	.10
761	20.95	2.25	.94	1.93	1.42	11.51	1.44	.02
762	21.77	2.55	.96	2.13	1.47	11.37	1.43	.02
763	21.39	2.37	.99	2.06	1.75	12.97	1.81	.02
764	21.05	2.02	.77	1.90	1.43	13.12	1.94	.02
765	20.22	3.03	.94	2.22	1.51	10.92	1.77	.02
766	19.03	2.63	.95	2.22	1.90	13.31	2.49	.02
767	18.80	3.71	.91	2.78	1.33	10.29	2.44	.01
768	19.45	3.01	.95	2.04	1.20	11.14	1.83	.01
769	20.99	2.36	.91	1.76	1.55	12.41	1.64	.02
770	16.32	3.25	.87	2.39	1.74	12.34	1.98	.02
771	19.11	4.55	1.13	2.79	1.11	6.45	1.16	.07
772	19.50	4.45	1.07	3.05	.93	6.42	1.68	.07
773	20.65	2.70	.92	1.94	.97	10.94	1.82	.11
774	18.42	5.78	.93	2.76	2.93	10.33	1.25	.03
775	19.16	4.98	.99	2.56	2.55	10.13	1.15	.03
776	18.82	4.47	1.30	2.63	2.12	10.05	1.43	.02
777	17.69	4.31	1.28	2.43	1.81	8.94	1.35	.01
778	16.03	4.50	1.05	2.41	2.15	9.59	1.29	.02
779	15.42	6.28	1.11	2.94	2.76	10.04	1.63	.02
780	17.40	7.64	.86	3.17	3.68	8.49	1.06	.02



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	PB
751	.44	1.71	9.5	29.	112.8	69.4	103. <	5.
752	.52	1.79	9.4	28.	134.7	57.0	91. <	5.
753	.42	1.28	9.2	33.	82.3	62.4	91. <	5.
754	.38	1.35	8.8	30.	100.2	66.5	78. <	5.
755	.54	1.45	9.8	36.	103.6	67.0	94. <	5.
756	.39	.77	12.4	13.	40.3	42.8	35. <	5.
757	.12	.66	14.8	22.	84.2	38.9	53. <	5.
758	.19	.43	13.7	28.	140.2	33.8	73. <	5.
759	.17	.86	10.8	23.	72.0	45.3	50. <	5.
760	.23	.97	10.2	6.	67.6	45.5	49. <	5.
761	.34	1.31	12.0	23.	115.3	80.5	83. <	5.
762	.35	1.32	12.5	29.	117.4	77.3	86. <	5.
763	.34	1.33	14.7	43.	125.2	86.3	87. <	5.
764	.29	1.25	14.2	36.	150.7	83.7	84. <	5.
765	.26	1.07	13.4	23.	149.1	70.4	75. <	5.
766	.31	1.02	16.0	37.	174.1	78.8	93. <	5.
767	.18	.83	13.5	22.	129.2	54.8	71. <	5.
768	.25	1.12	14.8	40.	171.7	77.6	78. <	5.
769	.30	1.27	14.5	37.	136.8	83.2	88. <	5.
770	.28	1.03	14.7	40.	144.1	67.8	82. <	5.
771	.15	.89	10.1	18.	100.3	40.8	46. <	5.
772	.13	.75	10.0	19.	114.9	37.7	46. <	5.
773	.26	1.05	13.5	33.	179.2	66.3	73. <	5.
774	.28	.56	13.9	53.	37.5	49.7	65. <	5.
775	.29	.75	12.5	46.	48.5	54.9	66. <	5.
776	.24	.81	12.7	32.	90.7	68.8	65. <	5.
777	.22	.89	11.4	28.	85.3	67.2	62. <	5.
778	.23	.79	11.9	32.	65.8	60.3	64. <	5.
779	.25	.41	13.8	42.	75.0	48.4	65. <	5.
780	.31	.34	12.9	34.	54.3	45.6	77. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
 THE WINNEMUCCA DISTRICT, NEVADA
 DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 128

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
751	302.5	9.5	241.4	138.	162.0 <	.005	6. <	.001
752	272.3	12.2	221.4	137.	185.4 <	.005	4. <	.001
753	338.7	10.8	194.5	111.	141.4 <	.005	2. <	.001
754	382.1	13.1	186.0	116.	136.8 <	.005	4. <	.001
755	367.6	12.0	226.5	122.	159.2 <	.005	2. <	.001
756	515.9 <	1.0	240.8	140.	150.2 <	.005	2. <	.001
757	362.3	4.0	307.2	154.	141.6 <	.005	6. <	.001
758	388.5 <	1.0	241.0	148.	113.4 <	.005	4. <	.001
759	420.3	5.8	150.4	110.	131.5 <	.005	4. <	.001
760	372.8 <	1.0	167.5	116.	129.1 <	.005	6. <	.001
761	239.2	4.2	218.9	159.	209.8 <	.005	4. <	.001
762	260.4	7.0	212.0	155.	208.7 <	.005	8. <	.001
763	255.0	10.2	253.5	166.	214.1 <	.005	3. <	.001
764	226.5	9.5	265.5	155.	210.9 <	.005	6. <	.001
765	291.0	6.7	241.7	149.	185.4 <	.005	4. <	.001
766	282.7	10.0	303.2	175.	184.6 <	.005	6. <	.001
767	365.2	3.5	239.8	134.	157.8 <	.005	6. <	.001
768	288.1	18.1	248.5	168.	200.6 <	.005	6. <	.001
769	231.1	12.7	262.6	167.	220.8 <	.005	4. <	.001
770	306.9	8.1	289.1	158.	189.8 <	.005	10. <	.001
771	410.5	7.5	130.3	100.	144.2 <	.005	4. <	.001
772	429.6	7.0	179.8	94.	146.0 <	.005	4. <	.001
773	250.4	13.2	272.9	150.	193.9 <	.005	4. <	.001
774	442.9	7.3	234.0	144.	114.0 <	.005	4. <	.001
775	413.2	4.0	216.5	143.	124.1 <	.005	4. <	.001
776	386.2	6.5	239.5	153.	128.2 <	.005	10. <	.001
777	360.2	5.8	196.3	147.	129.0 <	.005	8. <	.001
778	371.0	5.4	216.3	259.	124.2 <	.005	6. <	.001
779	427.7	3.2	317.5	153.	109.8 <	.005	6. <	.001
780	523.0 <	1.0	180.5	125.	94.5 <	.005	2. <	.001



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PAGE 129

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
751	930.	300. <	4.	17. <	1. <	1. <	.2	.4
752	1010.	360. <	4.	17. <	1. <	1. <	.2	.4
753	850.	220. <	4.	14. <	1. <	1. <	.2	.2
754	900.	200. <	4.	16. <	1. <	1. <	.2	.5
755	1020.	370. <	4.	13. <	1. <	1. <	.2	.5
756	1200.	400.	5.	15.	2. <	1. <	.2	.8
757	970.	175. <	4.	23.	1. <	1. <	.2	.4
758	990.	280.	4.	12.	2. <	1. <	.2	.4
759	900.	210.	10.	16. <	1. <	1. <	.2	.5
750	850.	150.	24.	17.	1. <	1. <	.2	.5
761	1070.	170.	18.	18.	1. <	1. <	.2	.9
762	1050.	165.	18.	16.	1. <	1. <	.2	1.8
763	1140.	190.	10.	15. <	1. <	1. <	.2	.8
764	1050.	120.	6.	16.	2. <	1. <	.2	.9
765	860.	220.	10.	15. <	1. <	1. <	.2	.6
766	1000.	160.	8.	16.	1. <	1. <	.2	.4
767	800.	180.	8.	16.	2. <	1. <	.2	.6
768	940.	180.	16.	19.	1. <	1. <	.2	.8
769	1000.	165.	10.	17.	2. <	1. <	.2	.7
770	970.	200.	10.	16.	2. <	1. <	.2	.7
771	780.	220.	8.	16. <	1. <	1. <	.2	.7
772	810.	200.	8.	15. <	1. <	1. <	.2	.7
773	670.	240.	18.	16. <	1. <	1. <	.2	2.2
774	1060.	360.	4.	20.	1. <	1. <	.2	.4
775	1070.	350. <	4.	23.	1. <	1. <	.2	.3
776	1040.	370.	4.	25.	2. <	1. <	.2	.8
777	970.	420.	4.	26.	2. <	1. <	.2	.9
778	1110.	330.	6.	23.	1. <	1. <	.2	.9
779	950.	400.	6.	19.	2. <	1. <	.2	.5
780	950.	420.	4.	11.	1. <	1. <	.2	.3



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 130

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# n

751 12.
752 12.
753 48.
754 73.
755 76.

756 6.
757 < 2.
758 2.
759 < 2.
760 < 2.

761 < 2.
762 10.
763 4.
764 40.
765 < 2.

766 18.
767 28.
768 44.
769 18.
770 90.

771 37.
772 32.
773 2.
774 16.
775 < 2.

776 < 2.
777 < 2.
778 10.
779 < 2.
780 < 2.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
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DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 131

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	AL2O3	CAO	K2O	NA2O	MGO	FE2O3	TIO2	MNO
781	15.74	6.35	.82	2.72	4.56	11.40	1.86	.02
782	15.45	6.38	.83	2.71	4.56	14.50	3.17	.02
783	17.58	7.21	.92	3.09	4.75	9.31	1.10	.01
784	18.64	7.92	1.30	3.54	3.39	8.25	1.06	.01
785	19.71	4.44	1.15	2.52	2.64	10.38	1.31	.02
786	18.49	3.97	1.55	2.25	2.09	9.35	1.26	.01
787	17.52	4.80	1.51	3.06	1.87	8.10	1.26	.02
788	19.64	4.09	1.18	2.53	2.20	10.39	1.40	.02
789	18.12	6.21	1.26	3.18	2.87	9.44	1.36	.02
790	18.61	6.18	1.39	3.13	2.78	9.45	1.18	.03
791	18.15	5.81	.97	2.97	3.04	10.60	1.24	.04
792	18.94	6.84	.93	3.46	3.28	10.32	1.14	.03
793	17.65	4.20	1.42	2.31	1.60	8.82	1.12	.02
794	17.83	7.22	1.19	3.55	3.04	9.76	1.23	.02
795	18.14	7.51	1.29	3.75	3.11	9.72	1.22	.02
796	17.56	7.98	.99	3.35	3.03	9.81	1.73	.02
797	17.89	6.57	1.38	3.17	3.22	9.50	1.37	.03
798	17.44	4.95	1.07	2.39	2.79	9.41	1.29	.02
799	18.40	4.64	1.13	2.75	1.85	8.03	1.27	.02
800	18.59	5.35	1.19	2.86	2.70	9.69	1.36	.02
801	18.59	5.97	1.14	3.01	2.75	10.35	1.47	.02
802	17.24	6.80	1.15	3.29	3.30	11.28	1.84	.02
803	18.41	5.97	1.23	3.06	2.86	10.71	1.60	.02
804	18.66	6.10	1.22	3.21	2.53	9.96	1.43	.01
805	16.79	2.68	2.44	3.73	1.13	7.80	1.26	.02
806	17.34	3.07	2.51	3.89	.95	7.01	1.20	.02
807	16.79	4.32	1.75	3.95	1.63	16.23	3.69	.02
808	16.45	3.23	2.63	4.04	.99	5.51	.86	.02
809	17.52	7.18	1.12	3.16	3.15	9.54	1.37	.02
810	19.67	4.02	1.21	2.66	1.99	10.51	1.46	.02



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
DATA FOR: BUREAU OF LAND MANAGEMENT

PAGE 132

G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	P205	BE	CD	CO	CR	CU	NI	P3
781	.27	.15	15.7	36.	115.3	49.7	92. <	5.
782	.25 <	.05	18.5	40.	161.5	53.7	89. <	5.
783	.31	.37	11.8	33.	50.2	65.0	93. <	5.
784	.36	.35	10.9	29.	39.6	45.7	67. <	5.
785	.29	.89	11.9	30.	71.9	70.8	70. <	5.
786	.31	1.05	11.5	28.	80.3	62.6	69. <	5.
787	.32	.79	10.9	26.	34.3	63.9	58. <	5.
788	.35	.97	12.3	31.	81.5	74.3	75. <	5.
789	.32	.59	12.2	35.	111.8	68.3	82. <	5.
790	.30	.58	11.5	53.	56.7	67.3	83. <	5.
791	.28	.57	12.2	79.	84.7	71.5	99. <	5.
792	.31	.48	12.5	67.	53.1	65.3	96. <	5.
793	.30	.84	10.5	34.	78.5	66.8	72. <	5.
794	.39	.52	11.9	32.	77.2	56.6	72. <	5.
795	.41	.56	12.7	34.	64.2	56.0	66. <	5.
796	.30	.24	12.7	34.	109.6	44.3	67. <	5.
797	.27	.59	12.1	48.	126.8	43.0	92. <	5.
798	.28	.91	11.6	37.	90.2	60.0	74. <	5.
799	.15	.86	10.4	34.	53.9	46.4	46. <	5.
800	.33	.74	11.9	35.	88.5	65.0	74. <	5.
801	.34	.68	13.5	43.	91.5	71.0	75. <	5.
802	.32	.43	14.3	42.	155.2	75.8	97. <	5.
803	.36	.71	14.3	42.	118.9	75.3	82. <	5.
804	.35	.57	13.1	34.	91.8	71.2	73. <	5.
805	.17	1.55	9.8	20.	29.8	24.3	30. <	5.
806	.31	1.50	9.0	16.	6.4	21.6	18. <	5.
807	.47	.58	18.8	31. <	.8	31.5	24. <	5.
808	.32	1.62	9.0	33.	3.0	17.5	24. <	10.
809	.34	.53	12.9	47.	90.3	62.1	87. <	5.
810	.29	1.14	9.5	23.	88.9	81.0	70. <	5.



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GEOCHEMICAL AND GEOSTATISTICAL STUDY OF:
THE WINNEMUCCA DISTRICT, NEVADA
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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	SR	TH	V	ZN	ZR	AG	AS	AU
781	474.5 <	1.0	344.2	168.	97.9 <	.005	4. <	.001
782	454.3	5.0	493.9	209.	105.8 <	.005	4. <	.001
783	480.4 <	1.0	196.2	142.	98.3 <	.005	2. <	.001
784	551.9 <	1.0	188.1	121.	94.1 <	.005	4. <	.001
785	353.3	6.4	234.9	149.	123.7 <	.005	10. <	.001
786	315.7	11.3	182.7	141.	143.6 <	.005	10. <	.001
787	425.8	4.4	186.6	132.	115.2 <	.005	6. <	.001
788	346.0	8.2	226.5	143.	141.5 <	.005	4. <	.001
789	462.6	5.9	237.7	135.	112.1 <	.005	2. <	.001
790	467.8	5.8	205.1	122.	106.9 <	.005	4. <	.001
791	412.4	8.5	233.1	124.	101.8 <	.005	8. <	.001
792	463.5	4.3	222.8	122.	99.6 <	.005	4. <	.001
793	345.9	8.7	188.3	130.	119.2 <	.005	4. <	.001
794	430.4	4.2	200.2	127.	128.3 <	.005	4. <	.001
795	447.5	6.4	198.1	125.	136.5 <	.005	4. <	.001
796	423.1 <	1.0	279.5	144.	103.7 <	.005	2. <	.001
797	374.2	8.7	216.6	142.	122.3 <	.005	2. <	.001
798	323.5	13.5	192.2	135.	147.4 <	.005	4. <	.001
799	407.3	12.8	177.1	129.	113.9 <	.005	4. <	.001
800	444.0	9.9	217.6	143.	127.0 <	.005	2. <	.001
801	414.4	10.4	265.5	141.	126.2 <	.005 <	2. <	.001
802	476.3	8.7	353.6	164.	114.2 <	.005 <	2. <	.001
803	433.3	12.1	286.9	148.	126.1 <	.005	2. <	.001
804	435.8	6.9	258.3	131.	125.8 <	.005 <	2. <	.001
805	281.7	21.5	153.2	318.	138.0 <	.005	2. <	.001
806	357.4	17.7	130.3	146.	157.8 <	.005	2. <	.001
807	486.8	17.7	404.7	269.	155.3 <	.005 <	2. <	.001
808	360.3	26.8	90.4	140.	147.2 <	.005 <	2. <	.001
809	461.7	13.3	248.3	330.	111.6 <	.005	2. <	.001
810	378.4	8.6	250.1	201.	133.4 <	.005	4. <	.001



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE#	BA	F	HG	LI	MO	SB	SN	U
781	880.	400.	4.	11.	2. <	1. <	.2	.5
782	1060.	460. <	4.	12.	2. <	1. <	.2	.4
783	940.	400. <	4.	15.	1. <	1. <	.2	.7
784	930.	420. <	4.	11.	1. <	1. <	.2	.5
785	1010.	310.	6.	21.	2. <	1. <	.2	.8
786	870.	350.	6.	19.	1. <	1. <	.2	.4
787	980.	330.	12.	19.	2. <	1. <	.2	.7
788	990.	340.	8.	20.	2. <	1. <	.2	.5
789	890.	350.	8.	13.	2. <	1. <	.2	.6
790	1190.	350.	6.	14.	1. <	1. <	.2	.7
791	1180.	280.	6.	14. <	1. <	1. <	.2	.7
792	1090.	280.	6.	14. <	1. <	1. <	.2	.6
793	840.	280.	10.	19. <	1. <	1. <	.2	.7
794	960.	440.	6.	12.	2. <	1. <	.2	.6
795	1000.	430. <	4.	12.	2. <	1. <	.2	.6
796	930.	345.	4.	10.	1. <	1. <	.2	.8
797	960.	290.	6.	12.	1. <	1. <	.2	.7
798	880.	395.	6.	13. <	1. <	1. <	.2	1.0
799	860.	320.	6.	14.	1. <	1. <	.2	.8
800	890.	390.	6.	17.	1. <	1. <	.2	.4
801	870.	300.	4.	16.	2. <	1. <	.2	.5
802	840.	320. <	4.	12. <	1. <	1. <	.2	.4
803	850.	330.	4.	15. <	1. <	1. <	.2	.7
804	880.	340.	4.	15. <	1. <	1. <	.2	.3
805	1030.	320.	4.	20.	1. <	1. <	.2	1.0
806	1340.	420.	6.	18.	2. <	1. <	.2	.7
807	1220.	490.	4.	13.	1. <	1. <	.2	.5
808	1320.	430.	6.	18. <	1. <	1. <	.2	.6
809	890.	345.	6.	12. <	1. <	1. <	.2	.7
810	980.	270.	6.	21.	2. <	1. <	.2	1.0



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G E O C H E M I C A L D A T A L I S T I N G

SAMPLE# W

781 10.
782 2.
783 10.
784 < 2.
785 26.

786 < 2.
787 4.
788 < 2.
789 4.
790 2.

791 12.
792 12.
793 < 2.
794 4.
795 2.

796 < 2.
797 8.
798 10.
799 40.
800 < 2.

801 4.
802 35.
803 20.
804 12.
805 12.

806 2.
807 13.
808 2.
809 28.
810 6.

[illegible]

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